



**FIG. 1**

**FIG. 1**

Micro Strand Glass Microfiber 100 Series  
Micro Strand Glass Microfiber 200 Series



File: F:\XML-firstcut\johns.manville.filtration.rev1.00.00.xml 11/30/01, 10:10:43PM

1 <product id="" tag\_id="">  
2 <description tag\_id="">  
3 <manufacturer id="" tag\_id="">  
4 <product\_id value="" tag\_id="" />  
5 <product\_name tag\_id=""> </product\_name>  
6 </manufacturer>  
7 <category id="" tag\_id="" />  
8 <subcategory id="" tag\_id="" />  
9 <description\_type value="" tag\_id="">  
10 <description\_text tag\_id=""> </description\_text>  
11 </description\_type>  
12 </description>  
13 <uses tag\_id="">  
14 <usage\_description tag\_id=""> </usage\_description>  
15 </uses>  
16 <chemical\_composition tag\_id="">  
17 <chemical\_oxide\_value tag\_id=""> </chemical\_oxide\_value>  
18 <chemical\_oxide\_nominal\_weight tag\_id=""> </chemical\_oxide\_nominal\_weight>  
19 <chemical\_oxide\_nominal\_weight\_measurement\_unit tag\_id=""> </chemical\_oxide\_nominal\_weight\_measurement\_unit>  
20 </chemical\_composition>  
21 <special\_features tag\_id=""> </special\_features>  
22 <msds\_data tag\_id=""> </msds\_data>  
23 <warranty\_info tag\_id="">  
24 <warranty\_text tag\_id=""> </warranty\_text>  
25 <effective\_date value="" tag\_id="" />  
26 <duration value="" measure="" tag\_id="" />

Fig. 3A-1

```
27 </warranty_intro>
28 <surface_area value="" measure="" tag_id="" />
29 </material_tag_id="">
30 <material_type tag_id=""> </material_type>
31 <material_description tag_id=""> </material_description>
32 <material_properties tag_id="">
33 <grade value="" tag_id="" />
34 <nominal_diameter_type value="" tag_id="" />
35 <diameter_min_val value="" tag_id="" />
36 <diameter_max_val value="" tag_id="" />
37 <diameter_measurement_unit tag_id=""> </diameter_measurement_unit>
38 </material_properties>
39 </material>
40 <specifications tag_id="">
41 <shrinkage tag_id="">
42 <shrinkage_temp value="" tag_id="" />
43 <shrinkage_temp_measurement_unit tag_id=""> </shrinkage_temp_measurement_unit>
44 <linear_shrinkage value="" tag_id="" />
45 <linear_shrinkage_measurement_unit tag_id=""> </linear_shrinkage_measurement_unit>
46 </shrinkage>
47 <thermal tag_id="">
48 <product_density value="" tag_id="" />
49 <product_density_measurement_unit tag_id=""> </product_density_measurement_unit>
50 <mean_temperature value="" tag_id="" />
51 <mean_temperature_measurement_unit tag_id=""> </mean_temperature_measurement_unit>
52 <thermal_conductivity value="" tag_id="" />
53 <thermal_conductivity_measurement_unit tag_id=""> </thermal_conductivity_measurement_unit>
54 </thermal>
55 </specifications>
56 </product>
```

Fig. 3A-2

File: F:\XML-firstcut\johns.marville.filtration.rev1.00.00.dtd 11/30/01, 10:11:49PM

```
1 <ELEMENT category EMPTY >
2 <!ATTLIST category id CDATA #REQUIRED >
3 <!ATTLIST category tag_id CDATA #REQUIRED >
4
5 <ELEMENT chemical_composition ( chemical_oxide_value, chemical_oxide_nominal_weight, chemical_oxide_nominal_weight_measurement_unit ) >
6 <!ATTLIST chemical_composition tag_id CDATA #REQUIRED >
7
8 <ELEMENT chemical_oxide_nominal_weight EMPTY >
9 <!ATTLIST chemical_oxide_nominal_weight tag_id CDATA #REQUIRED >
10
11 <ELEMENT chemical_oxide_nominal_weight_measurement_unit EMPTY >
12 <!ATTLIST chemical_oxide_nominal_weight_measurement_unit tag_id CDATA #REQUIRED >
13
14 <ELEMENT chemical_oxide_value EMPTY >
15 <!ATTLIST chemical_oxide_value tag_id CDATA #REQUIRED >
16
17 <ELEMENT description ( manufacturer, category, subcategory, description_type ) >
18 <!ATTLIST description tag_id CDATA #REQUIRED >
19
20 <ELEMENT description_text EMPTY >
21 <!ATTLIST description_text tag_id CDATA #REQUIRED >
22
23 <ELEMENT description_type ( description_text ) >
24 <!ATTLIST description_type tag_id CDATA #REQUIRED >
25 <!ATTLIST description_type value CDATA #REQUIRED >
```

Fig. 3B-1

```
26 <ELEMENT diameter_max_val EMPTY >
27 <ATTLIST diameter_max_val tag_id CDATA #REQUIRED >
28 <ATTLIST diameter_min_val tag_id CDATA #REQUIRED >
29 <ATTLIST diameter_min_val value CDATA #REQUIRED >
30
31 <ELEMENT diameter_measurement_unit EMPTY >
32 <ATTLIST diameter_measurement_unit tag_id CDATA #REQUIRED >
33
34 <ELEMENT diameter_min_val EMPTY >
35 <ATTLIST diameter_min_val tag_id CDATA #REQUIRED >
36 <ATTLIST diameter_min_val value CDATA #REQUIRED >
37
38 <ELEMENT duration EMPTY >
39 <ATTLIST duration measure CDATA #REQUIRED >
40 <ATTLIST duration tag_id CDATA #REQUIRED >
41 <ATTLIST duration value CDATA #REQUIRED >
42
43 <ELEMENT effective_date EMPTY >
44 <ATTLIST effective_date tag_id CDATA #REQUIRED >
45 <ATTLIST effective_date value CDATA #REQUIRED >
46
47 <ELEMENT grade EMPTY >
48 <ATTLIST grade tag_id CDATA #REQUIRED >
49 <ELEMENT category EMPTY >
50 <ATTLIST category id CDATA #REQUIRED >
51 <ATTLIST category tag_id CDATA #REQUIRED >
52
53 <ELEMENT chemical_composition ( chemical_oxide_value, chemical_oxide_nominal_weight, chemical_oxide_nominal_weight_measurement_unit ) >
54 <ATTLIST chemical_composition tag_id CDATA #REQUIRED >
55
56 <ELEMENT chemical_oxide_nominal_weight EMPTY >
```

Fig. 3B-2

File: F:\XML-firstcut\johns.manville.filtration.rev1.00.00.dtd 11/30/01, 10:11:49PM

```
57 <ATTLIST chemical_oxide_nominal_weight tag_id CDATA #REQUIRED >
58
59 <ELEMENT chemical_oxide_nominal_weight_measurement_unit EMPTY >
60 <ATTLIST chemical_oxide_nominal_weight_measurement_unit tag_id CDATA #REQUIRED >
61
62 <ELEMENT chemical_oxide_value EMPTY >
63 <ATTLIST chemical_oxide_value tag_id CDATA #REQUIRED >
64
65 <ELEMENT description ( manufacturer, category, subcategory, description_type ) >
66 <ATTLIST description tag_id CDATA #REQUIRED >
67
68 <ELEMENT description_text EMPTY >
69 <ATTLIST description_text tag_id CDATA #REQUIRED >
70
71 <ELEMENT description_type ( description_text ) >
72 <ATTLIST description_type tag_id CDATA #REQUIRED >
73 <ATTLIST description_type value CDATA #REQUIRED >
74
75 <ELEMENT diameter_max_val EMPTY >
76 <ATTLIST diameter_max_val tag_id CDATA #REQUIRED >
77 <ATTLIST diameter_max_val value CDATA #REQUIRED >
78
79 <ELEMENT diameter_measurement_unit EMPTY >
80 <ATTLIST diameter_measurement_unit tag_id CDATA #REQUIRED >
81
82 <ELEMENT diameter_min_val EMPTY >
83 <ATTLIST diameter_min_val tag_id CDATA #REQUIRED >
84 <ATTLIST diameter_min_val value CDATA #REQUIRED >
```

Fig. 3C-1

```
85
86 <ELEMENT duration EMPTY >
87 <!ATTLIST duration measure CDATA #REQUIRED >
88 <!ATTLIST duration tag_id CDATA #REQUIRED >
89 <!ATTLIST duration value CDATA #REQUIRED >
90
91 <ELEMENT effective_date EMPTY >
92 <!ATTLIST effective_date tag_id CDATA #REQUIRED >
93 <!ATTLIST effective_date value CDATA #REQUIRED >
94
95 <ELEMENT grade EMPTY >
96 <!ATTLIST grade tag_id CDATA #REQUIRED >
97 <!ATTLIST grade value CDATA #REQUIRED >
98
99 <ELEMENT linear_shrinkage EMPTY >
100 <!ATTLIST linear_shrinkage tag_id CDATA #REQUIRED >
101 <!ATTLIST linear_shrinkage value CDATA #REQUIRED >
102
103 <ELEMENT linear_shrinkage_measurement_unit EMPTY >
104 <!ATTLIST linear_shrinkage_measurement_unit tag_id CDATA #REQUIRED >
105
106 <ELEMENT manufacturer ( product_id, product_name ) >
107 <!ATTLIST manufacturer id CDATA #REQUIRED >
108 <!ATTLIST manufacturer tag_id CDATA #REQUIRED >
109
110 <ELEMENT material ( material_type, material_description, material_properties ) >
111 <!ATTLIST material tag_id CDATA #REQUIRED >
112
```

Fig. 3C-2



File: F:\XML-firstcut\johns.manville.filtration.rev1.00.00.dtd 11/30/01, 10:11:49PM

```
113 <ELEMENT material_description EMPTY >
114 <!ATTLIST material_description tag_id CDATA #REQUIRED >
115
116 <ELEMENT material_properties ( grade, nominal_diameter_type, diameter_min_val, diameter_max_val, diameter_measurement_unit ) >
117 <!ATTLIST material_properties tag_id CDATA #REQUIRED >
118
119 <ELEMENT material_type EMPTY >
120 <!ATTLIST material_type tag_id CDATA #REQUIRED >
121
122 <ELEMENT mean_temperature EMPTY >
123 <!ATTLIST mean_temperature tag_id CDATA #REQUIRED >
124 <!ATTLIST mean_temperature value CDATA #REQUIRED >
125
126 <ELEMENT mean_temperature_measurement_unit EMPTY >
127 <!ATTLIST mean_temperature_measurement_unit tag_id CDATA #REQUIRED >
128
129 <ELEMENT msds_data EMPTY >
130 <!ATTLIST msds_data tag_id CDATA #REQUIRED >
131
132 <ELEMENT nominal_diameter_type EMPTY >
133 <!ATTLIST nominal_diameter_type tag_id CDATA #REQUIRED >
134 <!ATTLIST nominal_diameter_type value CDATA #REQUIRED >
135
136 <ELEMENT product ( description, uses, chemical_composition, special_features, msds_data, warranty_info, surface_area, material, specifications ) >
137 <!ATTLIST product id CDATA #REQUIRED >
138 <!ATTLIST product tag_id CDATA #REQUIRED >
```

Fig. 3D-1

```
139
140 <ELEMENT product_density EMPTY >
141 <!ATTLIST product_density tag_id CDATA #REQUIRED >
142 <!ATTLIST product_density value CDATA #REQUIRED >
143
144 <ELEMENT product_density_measurement_unit EMPTY >
145 <!ATTLIST product_density_measurement_unit tag_id CDATA #REQUIRED >
146
147 <ELEMENT product_id EMPTY >
148 <!ATTLIST product_id tag_id CDATA #REQUIRED >
149 <!ATTLIST product_id value CDATA #REQUIRED >
150
151 <ELEMENT product_name EMPTY >
152 <!ATTLIST product_name tag_id CDATA #REQUIRED >
153
154 <ELEMENT shrinkage ( shrinkage_temp shrinkage_temp_measurement_unit linear_shrinkage linear_shrinkage_measurement_unit ) >
155 <!ATTLIST shrinkage tag_id CDATA #REQUIRED >
156
157 <ELEMENT shrinkage_temp EMPTY >
158 <!ATTLIST shrinkage_temp tag_id CDATA #REQUIRED >
159 <!ATTLIST shrinkage_temp value CDATA #REQUIRED >
160
161 <ELEMENT shrinkage_temp_measurement_unit EMPTY >
162 <!ATTLIST shrinkage_temp_measurement_unit tag_id CDATA #REQUIRED >
163
164 <ELEMENT special_features EMPTY >
165 <!ATTLIST special_features tag_id CDATA #REQUIRED >
166
167 <ELEMENT specifications ( shrinkage thermal ) >
168 <!ATTLIST specifications tag_id CDATA #REQUIRED >
```

Fig. 3D-2

File: F:\XML-firstcut\johns.manville.filtration.rev1.00.00.dtd 11/30/01, 10:11:49PM

```
169
170 <ELEMENT subcategory EMPTY >
171 <!ATTLIST subcategory id CDATA #REQUIRED >
172 <!ATTLIST subcategory tag_id CDATA #REQUIRED >
173
174 <ELEMENT surface_area EMPTY >
175 <!ATTLIST surface_area measure CDATA #REQUIRED >
176 <!ATTLIST surface_area tag_id CDATA #REQUIRED >
177 <!ATTLIST surface_area value CDATA #REQUIRED >
178
179 <ELEMENT thermal ( product_density, product_density_measurement_unit, mean_temperature, mean_temperature_measurement_unit, thermal_conductivity, thermal_conductivity_measurement_unit ) >
180 <!ATTLIST thermal tag_id CDATA #REQUIRED >
181
182 <ELEMENT thermal_conductivity EMPTY >
183 <!ATTLIST thermal_conductivity tag_id CDATA #REQUIRED >
184 <!ATTLIST thermal_conductivity value CDATA #REQUIRED >
185
186 <ELEMENT thermal_conductivity_measurement_unit EMPTY >
187 <!ATTLIST thermal_conductivity_measurement_unit tag_id CDATA #REQUIRED >
188
189 <ELEMENT usage_description EMPTY >
190 <!ATTLIST usage_description tag_id CDATA #REQUIRED >
191
192 <ELEMENT uses ( usage_description ) >
193 <!ATTLIST uses tag_id CDATA #REQUIRED >
194
195 <ELEMENT warranty_info ( warranty_text, effective_date, duration ) >
196 <!ATTLIST warranty_info tag_id CDATA #REQUIRED >
197
198 <ELEMENT warranty_text EMPTY >
199 <!ATTLIST warranty_text tag_id CDATA #REQUIRED >
```

Fig. 3E

UCID						
	A	B	C	D	E	F
	DataBuil ID (Item Number)	Filter Type	Product Name	Product Series	Product Description	Filtration Grade
1	(Not Shown)	Air		Delta-Aire		
2						
3						
4						
5		Air	Delta-Aire Filtration Products	DA-SP - Self Pleat Media	Self-Pleat Media	{SP - Class 2 glass scrim} or {B2 - Class 2 non-woven polyester or nylon}
6		Air	Delta-Aire Filtration Products	DA-SP - Self Pleat Media	Self-Pleat Media	{SP - Class 2 glass scrim} or {B2 - Class 2 non-woven polyester or nylon}
7		Air	Delta-Aire Filtration Products	DA-SP - Self Pleat Media	Self-Pleat Media	{SP - Class 2 glass scrim} or {B2 - Class 2 non-woven polyester or nylon}
8		Air	Delta-Aire Filtration Products	DA-SP - Self Pleat Media	Self-Pleat Media	{SP - Class 2 glass scrim} or {B2 - Class 2 non-woven polyester or nylon}
9		Air	Delta-Aire Filtration Products	DPG Series - Differential Pressure Glass	Fiber glass air filter media	B2 - Class 2 non-woven polyester
10		Air	Delta-Aire Filtration Products	DPG Series - Differential Pressure Glass	Fiber glass air filter media	B2 - Class 2 non-woven polyester

FIG. 4A

	H	I	J	K	L	M
	Media Color	Thickness - in. (mm)	Weight - gm/ft <sup>2</sup> (gm/m <sup>2</sup> )	Air Permeability - in. W.G. (Pa)	Initial Flat Sheet Particle Efficiency - %	Filtration Application Atmospheric Efficiency - %
1	Choice of Amber, Orange, Purple, Lime Green, Brown, Yellow, (Color coded to identify efficiency ranges)					
3						
4						
5	Amber	0.16 (4.1)	11.0 (118.4)	0.03 (7.5)	4 - 8	30 -35
6	Amber	0.16 (4.1)	11.3 (121.6)	0.04 (10.0)	8-12	40-45
7	Amber	0.16 (4.1)	11.8 (127.0)	0.06 (14.9)	12-16	50-55
8	Orange	0.16 (4.1)	14.0 (150.7)	0.08 (19.9)	18-23	60-65
9	Purple	0.15 (3.8)	3.2 (34.4)	0.13 (32.4)	56-66	80-85
10	Lime Green	0.15 (3.8)	3.5 (37.7)	0.27 (67)	75-85	90-95

FIG. 4B

1	2	3	4	5	6	7	8	9	10
	<b>Q</b>	<b>P</b>	<b>Q</b>	<b>R</b>	<b>S</b>	<b>T</b>			
	<b>Certifications</b>	<b>Roll Width - in. (cm)</b>	<b>Roll Length - lin. Ft. (lin. M)</b>	<b>Roll Cores - Chipboard ID - in. (cm)</b>	<b>Backings &amp; Maximum Recommended Working Air Temperature - Degrees Fahrenheit (Degrees Celsius)</b>	<b>Produced As</b>			
3									
4									
5	ISO-9002 Certified	12-25 (30.5-63.5)	500 (152)	2 (5.1)	250 (121) Note: this applies to (SP - Class 2 glass scrim) and (B2 - Class 2 non-woven polyester or nylon)	Roll of DA-SP series media bonded to a glass mat backing that is self-supporting when pleated and heat set			
6	ISO-9002 Certified	12-25 (30.5-63.5)	500 (152)	2 (5.1)	250 (121) Note: this applies to (SP - Class 2 glass scrim) and (B2 - Class 2 non-woven polyester or nylon)	Roll of DA-SP series media bonded to a glass mat backing that is self-supporting when pleated and heat set			
7	ISO-9002 Certified	12-25 (30.5-63.5)	500 (152)	2 (5.1)	250 (121) Note: this applies to (SP - Class 2 glass scrim) and (B2 - Class 2 non-woven polyester or nylon)	Roll of DA-SP series media bonded to a glass mat backing that is self-supporting when pleated and heat set			
8	ISO-9002 Certified	12-25 (30.5-63.5)	500 (152)	2 (5.1)	250 (121) Note: this applies to (SP - Class 2 glass scrim) and (B2 - Class 2 non-woven polyester or nylon)	Roll of DA-SP series media bonded to a glass mat backing that is self-supporting when pleated and heat set			
9	ISO-9002 Certified	12-72 (30-183)	1000 (305)	2 (5.1)	250 (121) Note: This applies to (B2 - Class 2 non-woven polyester)	Roll form, color coded for identification of efficiency ranges			
10	ISO-9002 Certified	12-72 (30-183)	1000 (305)	2 (5.1)	250 (121) Note: This applies to (B2 - Class 2 non-woven polyester)	Roll form, color coded for identification of efficiency ranges			

FIG. 4C

U	V	W	X	Y	Z	AA	AB
Special Features	Specific Features Available Upon Request	Uses	Ratings	Manufacturer Information	Telephone #	Internet Address	Hazard Label
Neither the media binder nor Fiber Glass support microbial growth	Custom Widths and Lengths	Panel Filters, Filters for HVAC systems, Paint Spray Booths, FDA applications, Clean Rooms	Filter Media, by itself, will meet the UL Class rating when tested in accordance with UL900 "Standard for Air Filter Units"	Johns Manville	303-978-2000	<a href="http://www.jm.com">http://www.jm.com</a>	FBG-003
Neither the media binder nor Fiber Glass support microbial growth	Custom Widths and Lengths	Panel Filters, Filters for HVAC systems, Paint Spray Booths, FDA applications, Clean Rooms	Filter Media, by itself, will meet the UL Class rating when tested in accordance with UL900 "Standard for Air Filter Units"	Johns Manville	303-978-2000	<a href="http://www.jm.com">http://www.jm.com</a>	FBG-003
Neither the media binder nor Fiber Glass support microbial growth	Custom Widths and Lengths	Panel Filters, Filters for HVAC systems, Paint Spray Booths, FDA applications, Clean Rooms	Filter Media, by itself, will meet the UL Class rating when tested in accordance with UL900 "Standard for Air Filter Units"	Johns Manville	303-978-2000	<a href="http://www.jm.com">http://www.jm.com</a>	FBG-003
Neither the media binder nor Fiber Glass support microbial growth	Custom Widths and Lengths	Panel Filters, Filters for HVAC systems, Paint Spray Booths, FDA applications, Clean Rooms	Filter Media, by itself, will meet the UL Class rating when tested in accordance with UL900 "Standard for Air Filter Units"	Johns Manville	303-978-2000	<a href="http://www.jm.com">http://www.jm.com</a>	FBG-003
Neither the media binder nor Fiber Glass support microbial growth	Custom Widths and Lengths; additional grades are available to meet specific applications	Panel Filters, Filters for HVAC systems, Paint Spray Booths, FDA applications, Clean Rooms	Filter Media, by itself, will meet the UL Class rating when tested in accordance with UL900 "Standard for Air Filter Units"	Johns Manville	303-978-2000	<a href="http://www.jm.com">http://www.jm.com</a>	FBG-003
Neither the media binder nor Fiber Glass support microbial growth	Custom Widths and Lengths; additional grades are available to meet specific applications	Panel Filters, Filters for HVAC systems, Paint Spray Booths, FDA applications, Clean Rooms	Filter Media, by itself, will meet the UL Class rating when tested in accordance with UL900 "Standard for Air Filter Units"	Johns Manville	303-978-2000	<a href="http://www.jm.com">http://www.jm.com</a>	FBG-003

FIG. 4D

# Category - Air Filtration Johns-Manville Delta-Aire Air Filtration

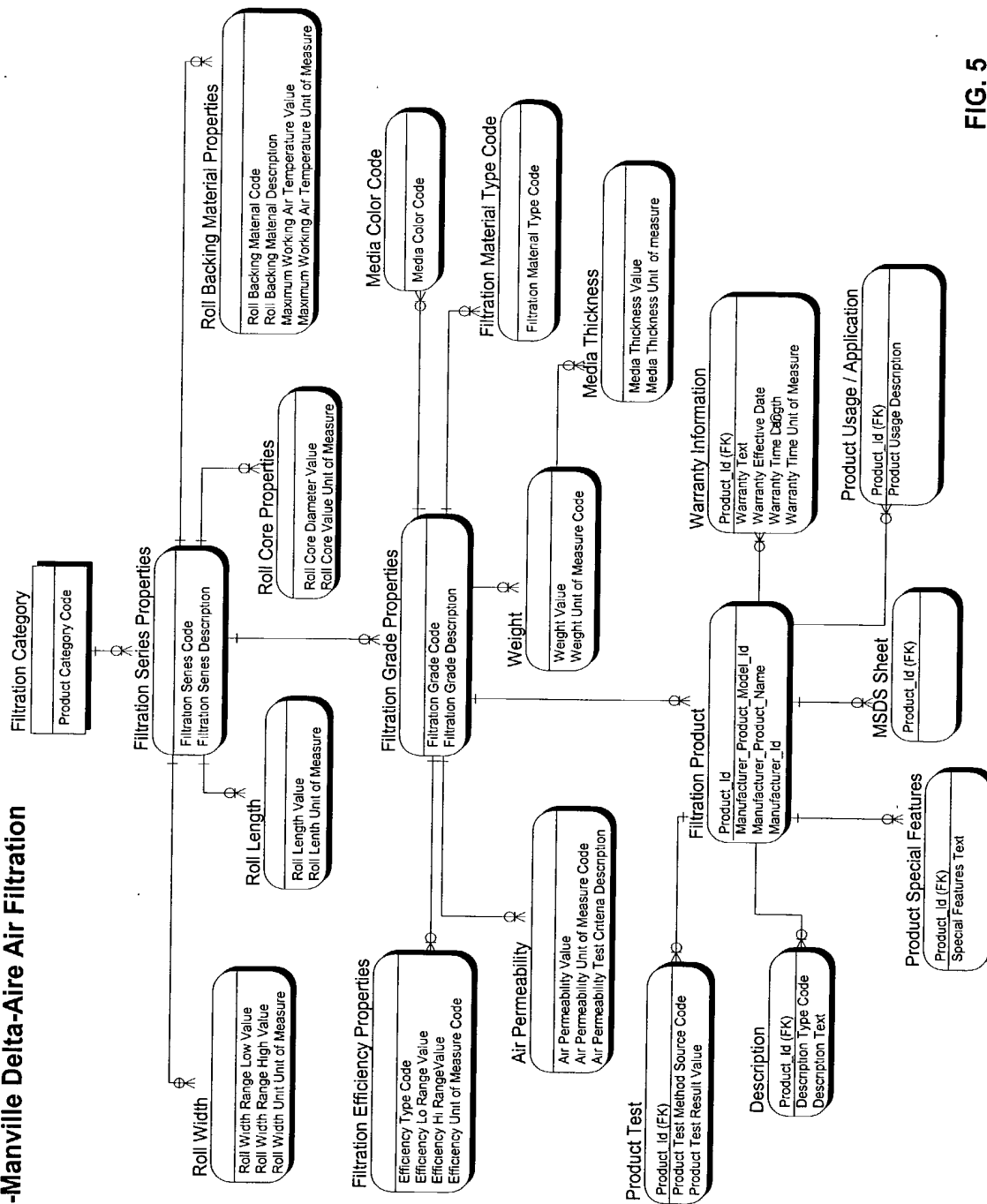


FIG. 5



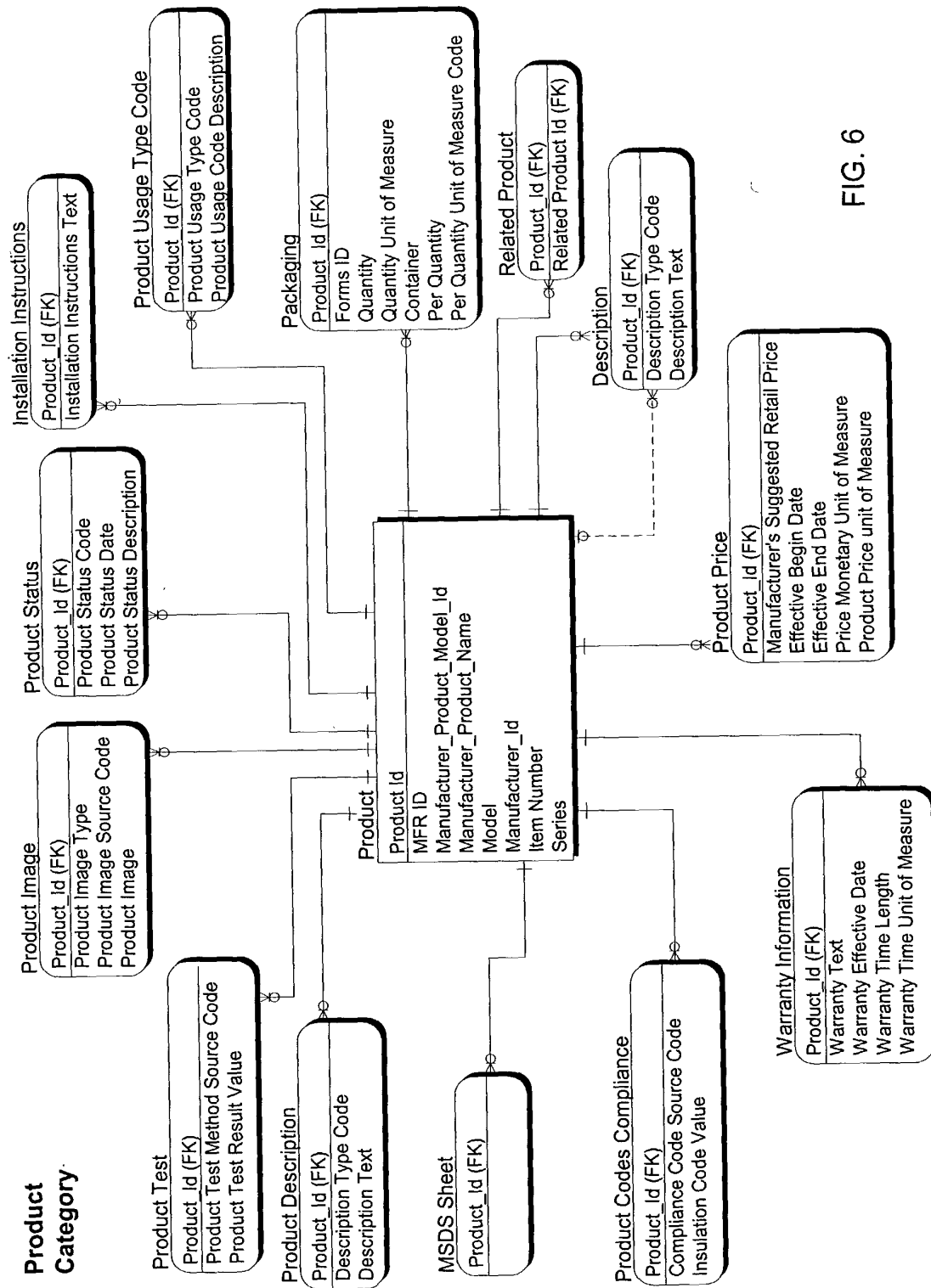


FIG. 6

Home / Corporate / Careers / Site Map / Contact Us

Language

U.S. English

Logout

Project Notebook

Search

Toolbox

Reports

Settings

Help

UCID

Return to Report Builder

Indigo Run Reports

Total Product Cost ▼ Report to View

Product Name	Manufacturer	Data/Built Number	Quantity	MSRP	Total Cost
1. Wood Window	Pella	123A23B7878CD7825FAC218	5	US\$ 160	US\$ 800
2. Fluorescent Light	Lithonia	56324120AB4546221CE215	10	US\$ 50	US\$ 500
3. Toilet	American Standard	35889ADF895213005B3EF69	3	US\$ 120	US\$ 360
4. Wood Connector	Simpson	789601099ADE19708594GDE	4	US\$ 5	US\$ 20
5. Modular Brick	Triangle	7878CD7825FAC218123A23B	7	US\$ 1,500	US\$ 10,500
6. Gypsum Sheathing	National Gypsum	8CD7825FAC218123A23B787	1	US\$ 200	US\$ 200
7. Elevator	Otis	23B7878CD7825FAC218123A	1	US\$ 25,000	US\$ 25,000
8. Cement Mix	LaFarge	5FAC216123A23B7878CD782	1	US\$ 750	US\$ 750
9. Kitchen Faucet	Delta	CD7825FAC218123A23B7878	2	US\$ 90	US\$ 180
10. Wood Door	Wayne Hauser	78CD7825FAC218123A23B78	4	US\$ 180	US\$ 720
Total Project Cost				US\$ 39,030	

Print

Export

Compare Products

Edit Contents

Edit Template

Return to Report Builder

Your open project is:

Indigo Run

To view project profile, click on project name.

Company

My User Profile

My Projects

My Portfolio

© DataBull, Inc. The db logo and tagline. The GlobalAEC Information Company are registered servicemarks.

FIG. 7A

Logout

DATA BUILD

Home / Corporate / Careers / Site Map / Contact Us

Language

U.S. English

Project Notebook

Search

Toolbox

Reports

Settings

Help

Your open project is:  
**Indigo Run**  
To view project profile,  
click on project name.

Company

My User Profile

My Projects

My Products

Indigo Run Reports

Product Quantity

Report to View

	Product Name	Manufacturer	Product Description	DataBullt Number	Quantity	MSRP
<input type="checkbox"/>	1. Wood Window	Pella	Double-Hung	123A23B7678CD7825FAC218	5	US\$ 160
<input type="checkbox"/>	2. Fluorescent Light	Lithonia	2' x 4' Recessed	56324120AB4546221GEF215	10	US\$ 50
<input type="checkbox"/>	3. Toilet	American Standard	Floor Mount	35689AD5895213005B3EF89	3	US\$ 120
<input type="checkbox"/>	4. Wood Connector	Simpson	Wood-to-Wood	789601D99ADE19788B84CDE	4	US\$ 5
<input type="checkbox"/>	5. Modular Brick	Triangle	Standard Red	7678CD7825FAC218123A23B	7	US\$ 1,500
<input type="checkbox"/>	6. Gypsum Sheathing	National Gypsum	4' x 8' Standard	8CD7825FAC238123A23B782	1	US\$ 200
<input type="checkbox"/>	7. Elevator	Otis	Pneumatic Piston	23B7678CD7825FAC218123A	1	US\$ 25,000
<input type="checkbox"/>	8. Cement Mix	LaFarge	Standard White	5FAC218123A23B7678CD782	1	US\$ 750
<input type="checkbox"/>	9. Kitchen Faucet	Delta	Traditional	CD7825FAC218123A23B7878	2	US\$ 90
<input type="checkbox"/>	10. Wood Door	Weverhause	6-Panel Red Oak	78CD7825FAC218123A23B78	4	US\$ 180

Print

Export

Compare Products

Edit Contents

Edit Template

Return to Report Builder

© DataBullt, Inc. The DataBullt logo and tagline, The Global AEC Information Company, are registered service marks.

FIG. 7B

**FIG. 7C**

**FIG. 7C**

© Dataquest, Inc. • The db logo and logo "The Global AEC Information Company" are registered trademarks.

10

**"AEC Solutions 2002"**

**DATABUILD**

Logout

Your open project is: **None**  
To view project profile, click on project name.

**Company** ?

**My User Profile**

**My Projects** ▼

**My Products** ▼

Home / Corporate / Careers / Site Map / Contact Us / Logout

Language: **U.S. English** ▼

**Project Preferences**

Project Notebook Search Toolbox Reports Settings Help

Specification System: **Master Format** ▼

**Project Details**

Business Sector: **Choices**  
☒ Commercial  
☐ Residential  
☐ Infrastructure

Preliminary Budget: **US \$2,000,000**

Preliminary Size: **55,000 square feet**

Preliminary Completion Date: **12/10/2002**

Project Type: **Developers** ▼ ?

Building Type: **New Construction** ▼ ?

Primary Function: **Healthcare** ▼ ?

Secondary Function: **Surgical** ▼ ?

**Project Graphic Symbolology** ?

Application: ▼ File Name: ▲ User Name: ▲  
DataBuilt Default

**Upload New Symbolology**

**Finish**

After project profile, team and related companies are defined, click Finish to save.

© Databuild, Inc. The db logo and tagline "The Global AEC Information Company" are registered trademarks.

FIG. 7E

[Logout](#)
[Home / Corporate / Careers / Site Map / Contact Us / Logout](#)
[Language](#)
[U.S. English](#)

[Logout](#)
[Project Notebook](#)
[Search](#)
[Toolbox](#)
[Reports](#)
[Settings](#)
[Help](#)

**PROJECT ADMINISTRATOR PRIVILEGES ENABLED**

Please edit the project profile, project team, and related companies.

[Edit Project Profile](#)
[Edit Project Team](#)
[Edit Project Related Companies](#)

### Project Information

Required\*

Confidential ☒

Date Created\*

10/11/2001

Project Name\*

Indigo Run

Project Number\*

3559

Country\*

USA

Postal Code\*

29910

Address\*

1476 Fordling Island Rd

State/Province/Canton\*

South Carolina

City\*

Bluffton

Project Description

This is my project description.

Project e-mail Address

project@indigorun.com

Phone Number

843-836-2166

Fax Number

843-836-2939

Project Web site Address

www.indigorun.com

Company

My User Profile

My Projects

My Products

FIG. 7F

		Home / Corporate / Careers / Site Map / Contact Us / Logout		Language U.S. English ▼			
<b>Logout</b>	<b>Project Notebook</b>	<b>Search</b>	<b>Toolbox</b>	<b>Reports</b>	<b>Settings</b>	<b>Help</b>	
<b>PROJECT ADMINISTRATOR PRIVILEGES ENABLED</b> Please copy or define a new profile for this project							
Copy Project Profile		Copy Project Team		Copy Project Related Companies		<input type="checkbox"/> COPY ALL	
<b>COPY Project Information</b>  Original Project: 3589 Indigo Run, Hilton Head Island, SC 29910 USA, 10/11/01 All historical information associated with the original project will be updated and associated with your User ID and new project ID. All codes and manufactured products will be returned for compliance and availability. All information must be validated and updated as necessary by project manager.							
<input type="checkbox"/> Confidential <input type="text"/> Enter product description here:							
Date Created*	<input type="text"/>	Project Description		<input type="text"/>		Project	
Product Name*	<input type="text"/>			<input type="text"/>		e-mail Address	
Product Number*	<input type="text"/>			<input type="text"/>		Phone Number	
Country	<input type="text"/>			<input type="text"/>		Fax Number	
Postal Code	<input type="text"/>			<input type="text"/>		Project	
Address	<input type="text"/>			<input type="text"/>		Web site address	
State/Province/Canton	<input type="text"/>			<input type="text"/>			
City	<input type="text"/>			<input type="text"/>			

\* Required Changes

**FIG. 7G**



**FIG. 7H**

**FIG. 7H**



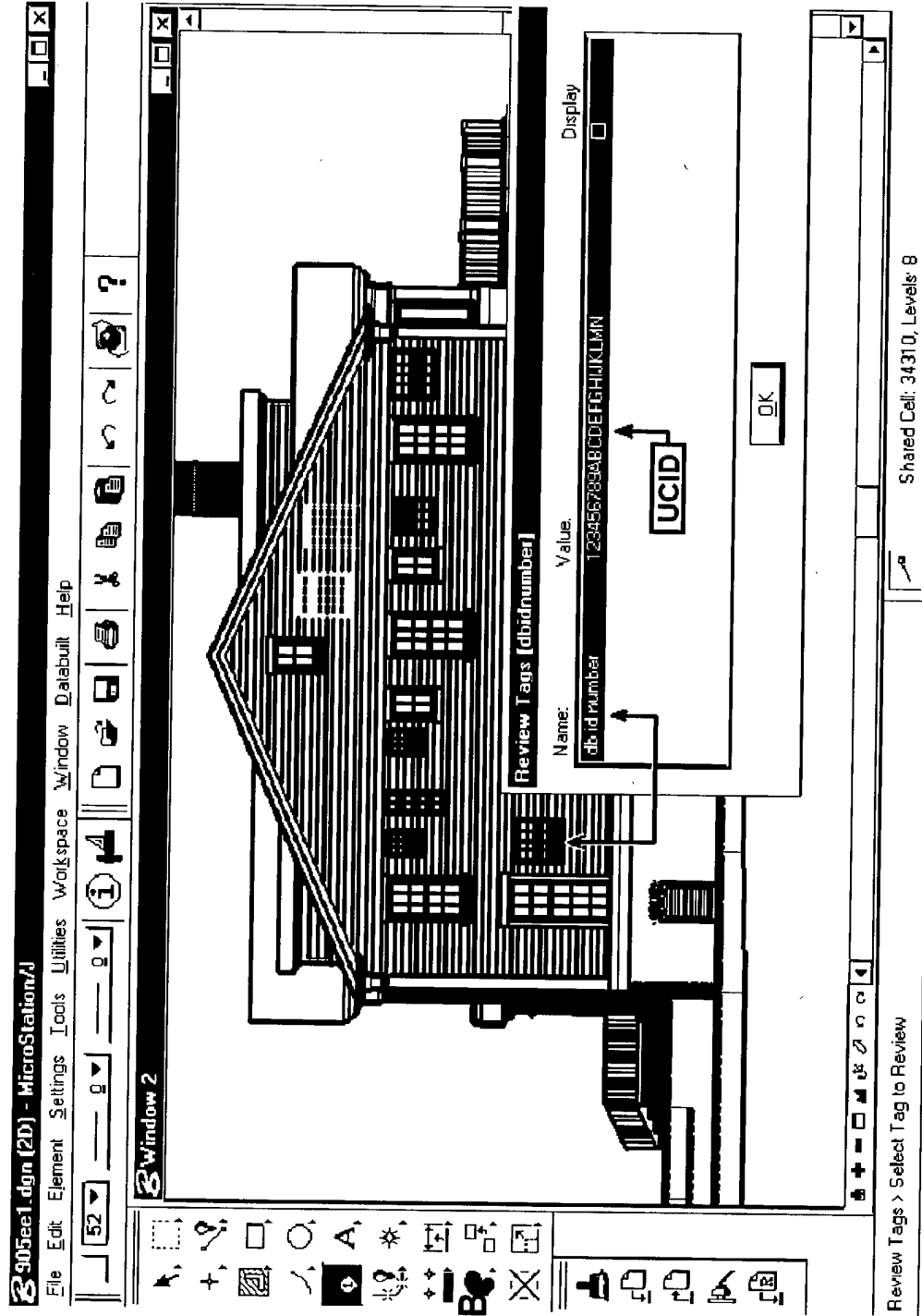


FIG. 8A

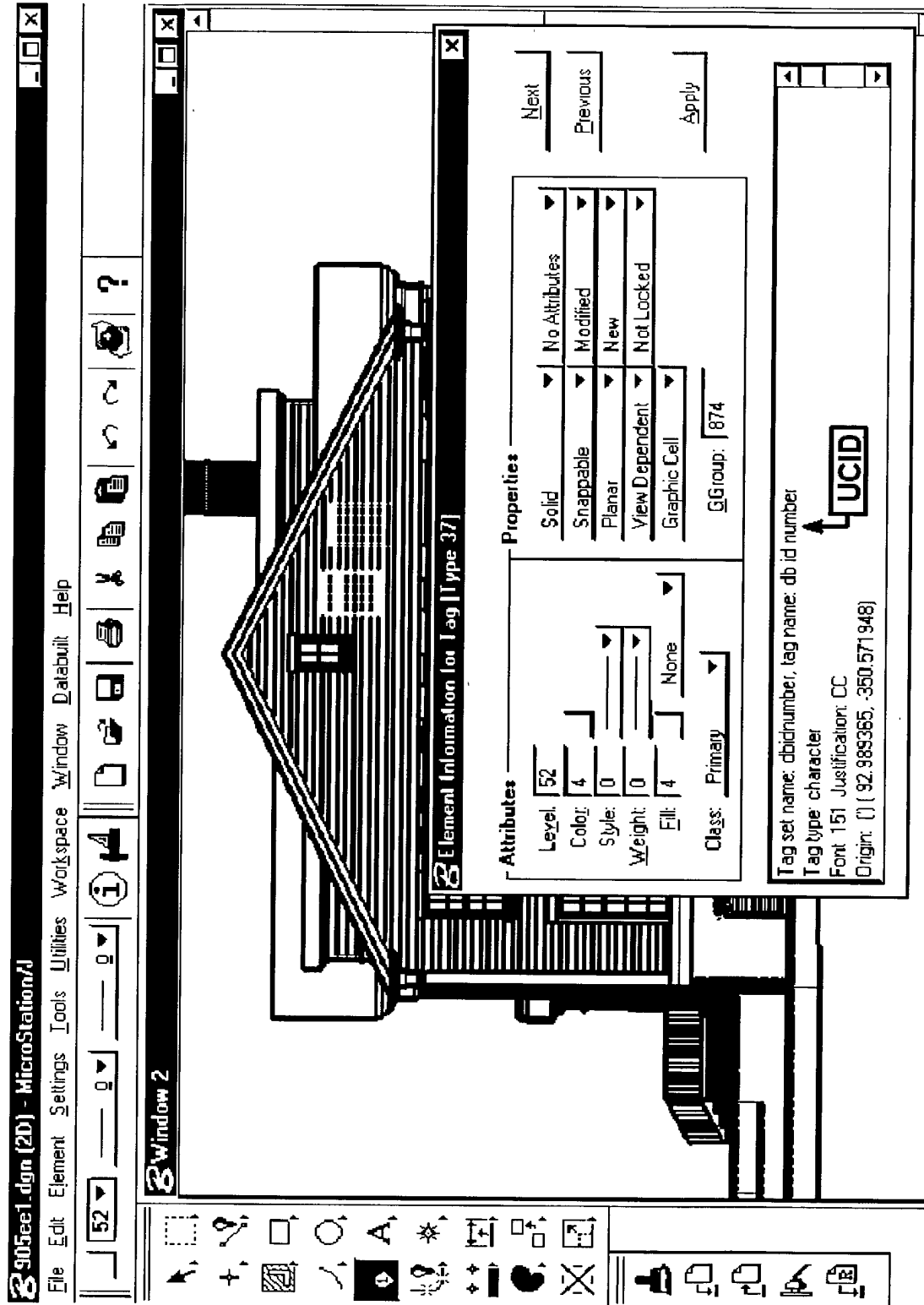


FIG. 8B

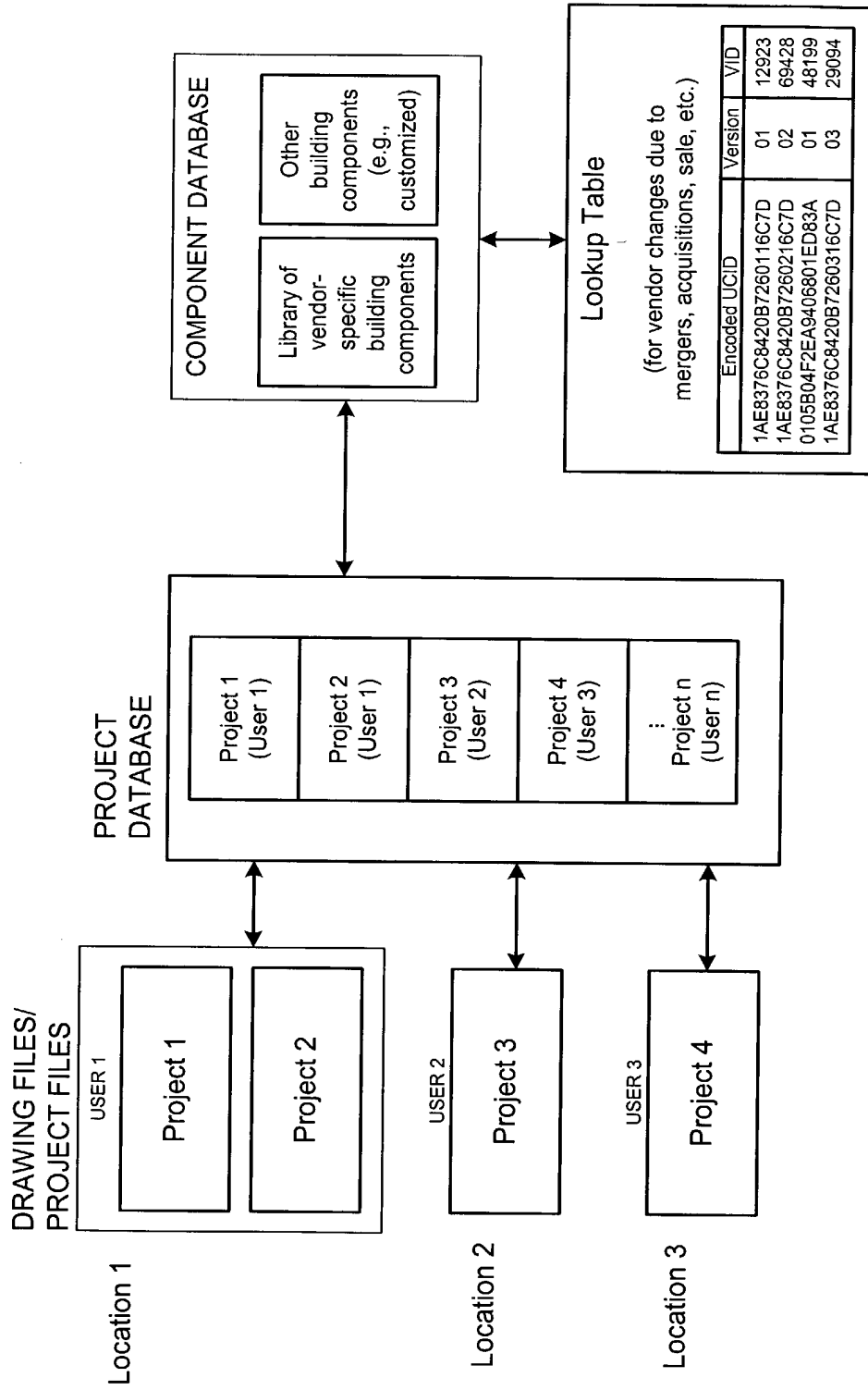


FIG. 9

VID										GCID				Barcode										External Object Identifier (EOI)					
Manufacturer		Product Name	DataBuilt Internal ID		Product ID		Mfr ID		Product ID		Version		Checksum																
			Mfr ID	Product ID	Mfr ID	Product ID	Mfr ID	Product ID	Version	Checksum																			
1	General Electric	3-inch Downlight	4992408	354622628234	4C2D98	529127E18A	00	73A5F								1.5.62.5.1.6.2.64.13.8.42.1.5.6.5													
2	Lithonia	Recessed Accent	842562	354622628234	0CDB42	529127E18A	00	F62D8								1.5.62.5.1.6.2.64.13.8.39.1.5.5.4													
3	Concord Lighting	Recessed Spot	3467626	354622628234	34E96A	529127E18A	01	A5162								1.5.62.5.1.6.2.64.13.8.42.1.5.6.5													
4	Lightolier	In-Ceiling Spot	14551	12314819810	0038D7	2DE053CE2	00	251E5								1.5.62.5.1.6.2.64.13.0.42.0.7.2.0													
5	Lightolier	Recessed Hi-Hat	14551	29348577299	0038D7	06D54FC013	00	82335								1.5.62.5.1.6.2.64.13.8.42.1.5.6.9													
6	Champion Lighting	3 Inch Spot	241563	99274902850	03AF9B	171D3ECD42	00	D9391								1.5.62.5.1.6.2.64.13.6.42.1.5.6.9													
										unencoded UCID										encoded UCID									

encoded UCID

unencoded UCID

FIG. 10

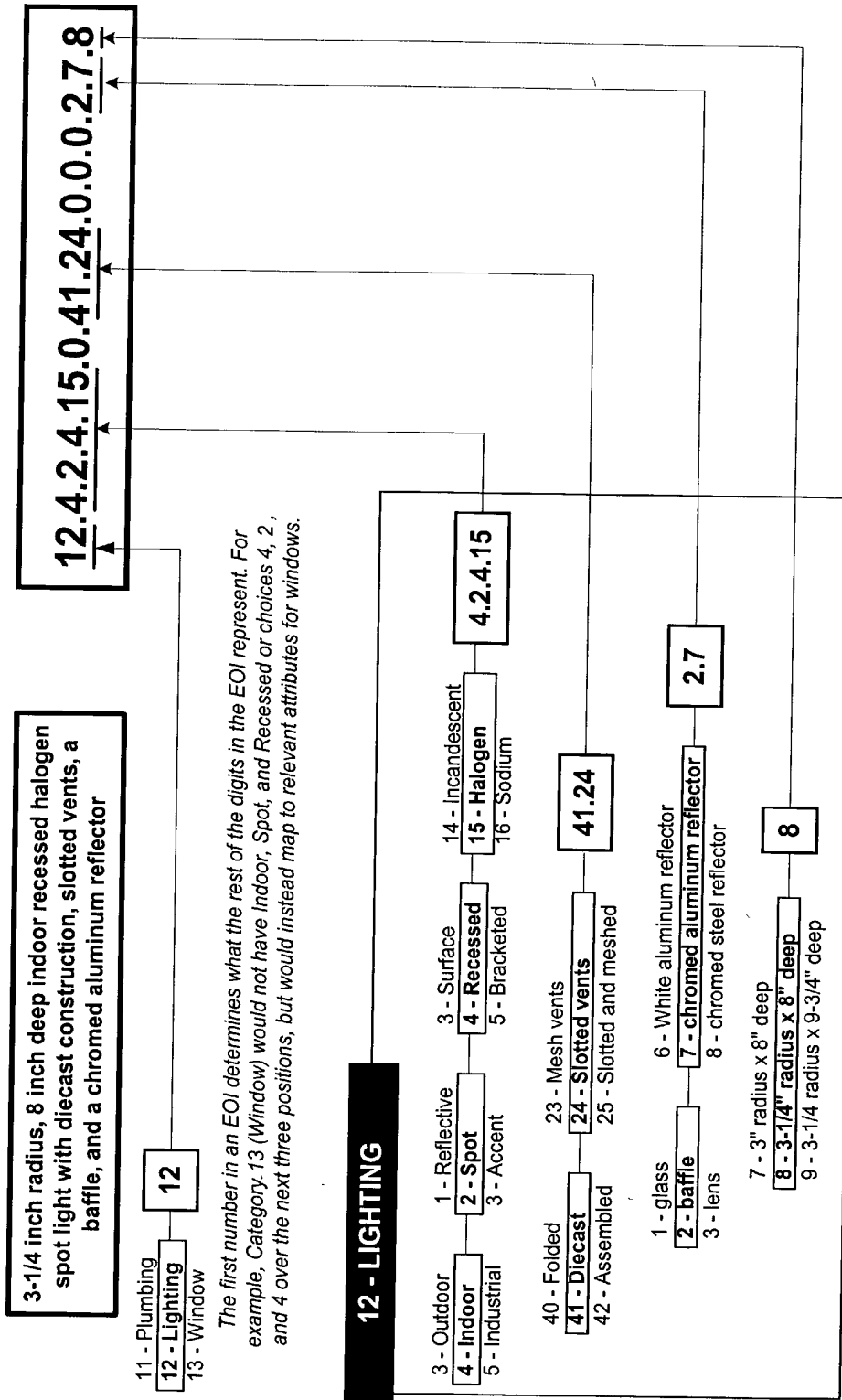
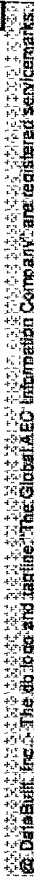
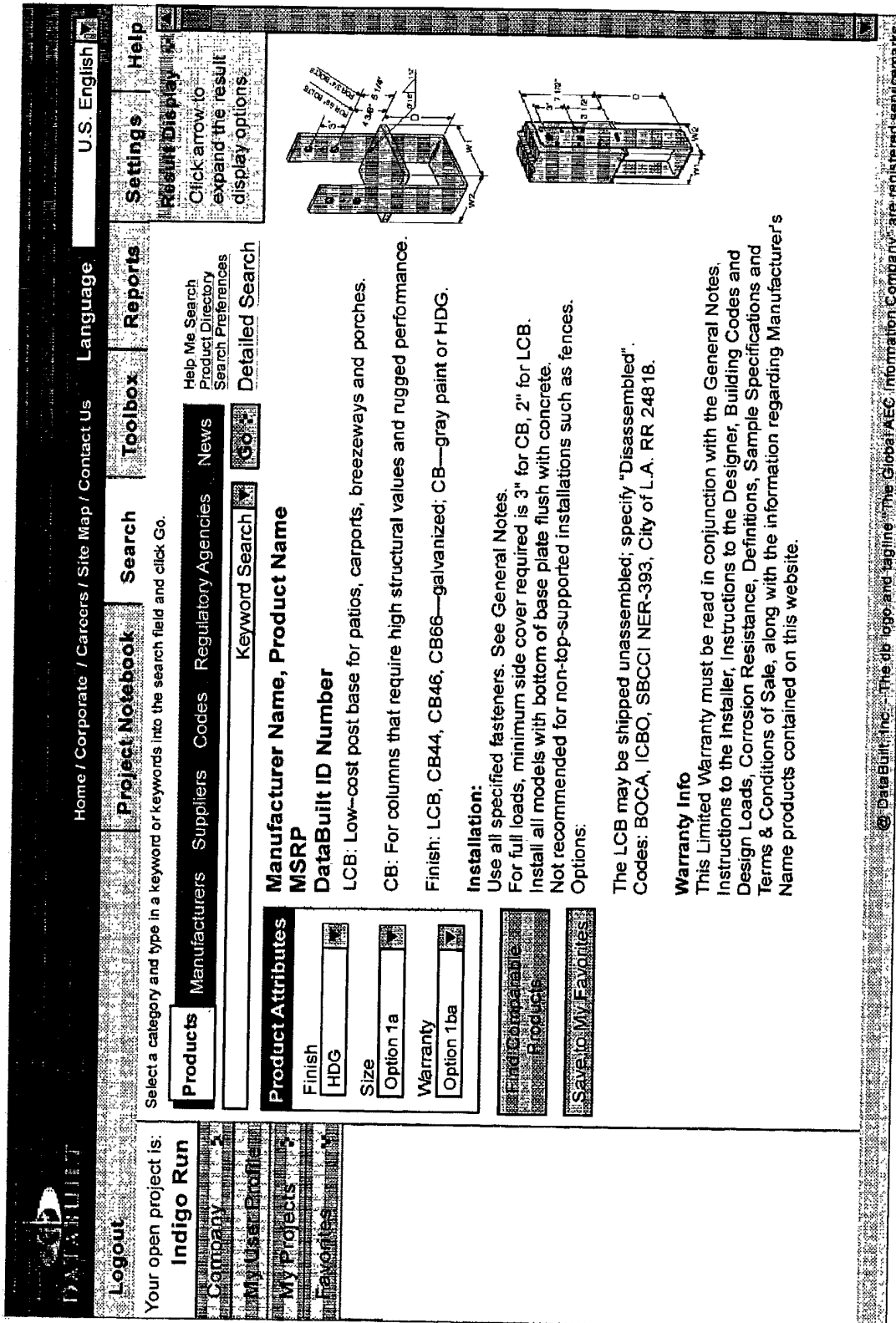


FIG. 11



**FIG. 12**





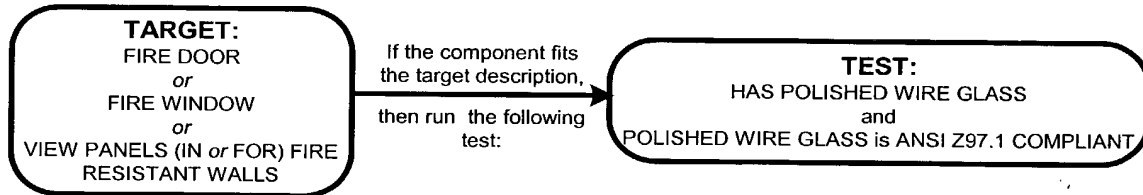


FIG. 14

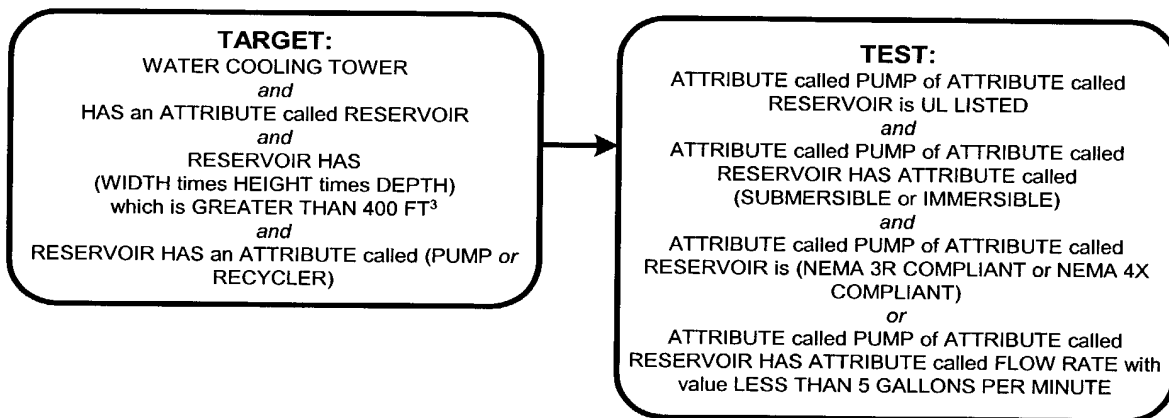


FIG. 15

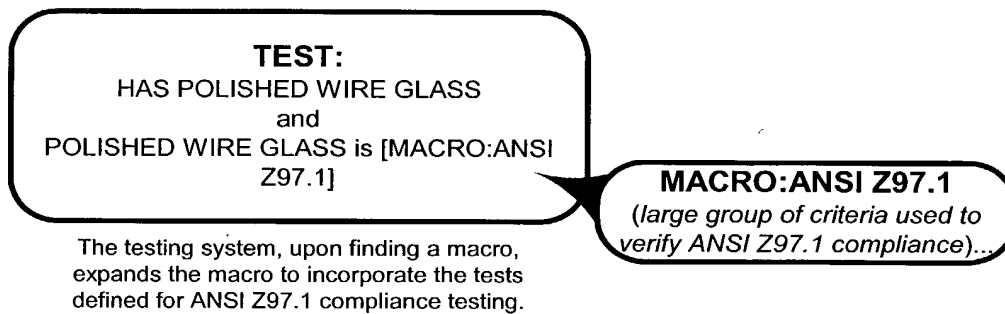


FIG. 16

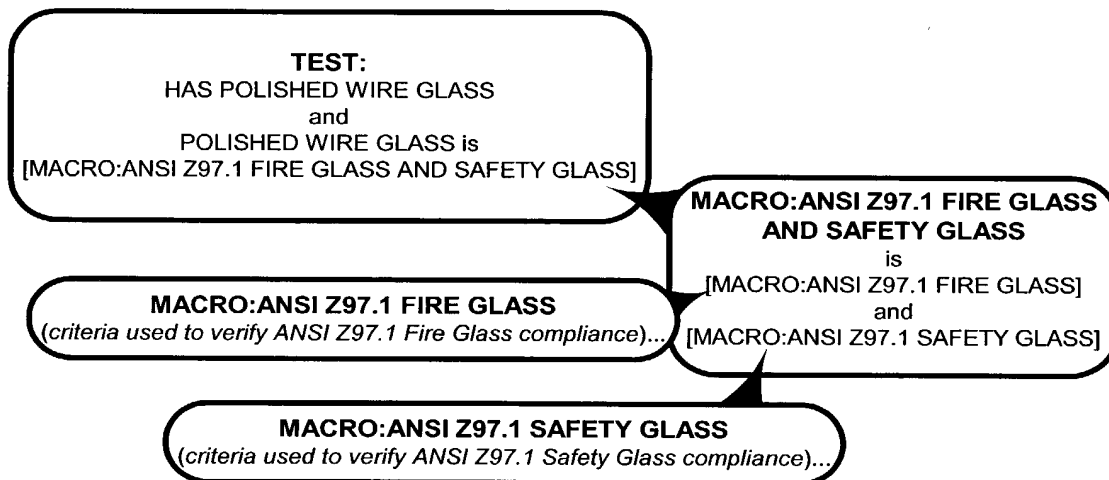


FIG. 17

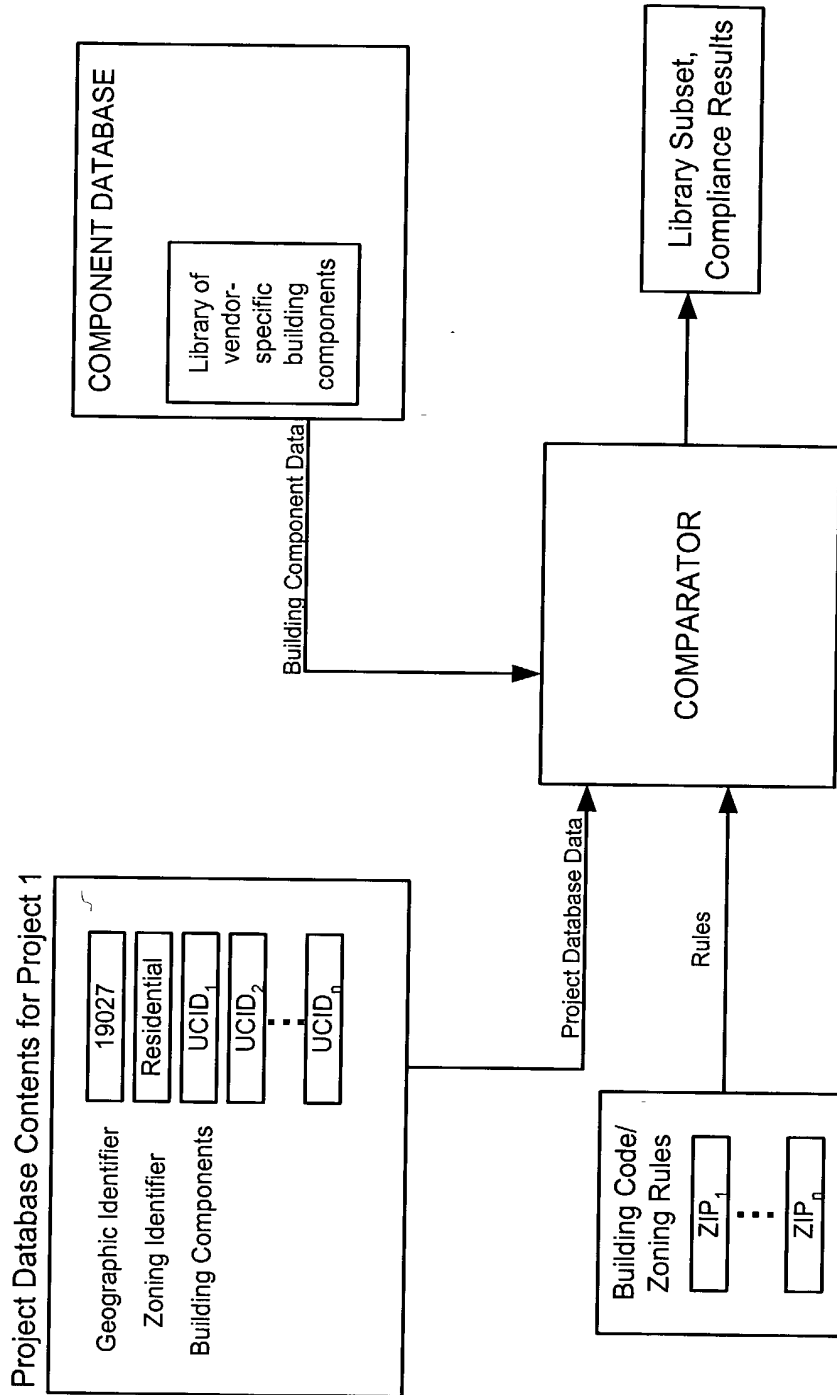


FIG. 18

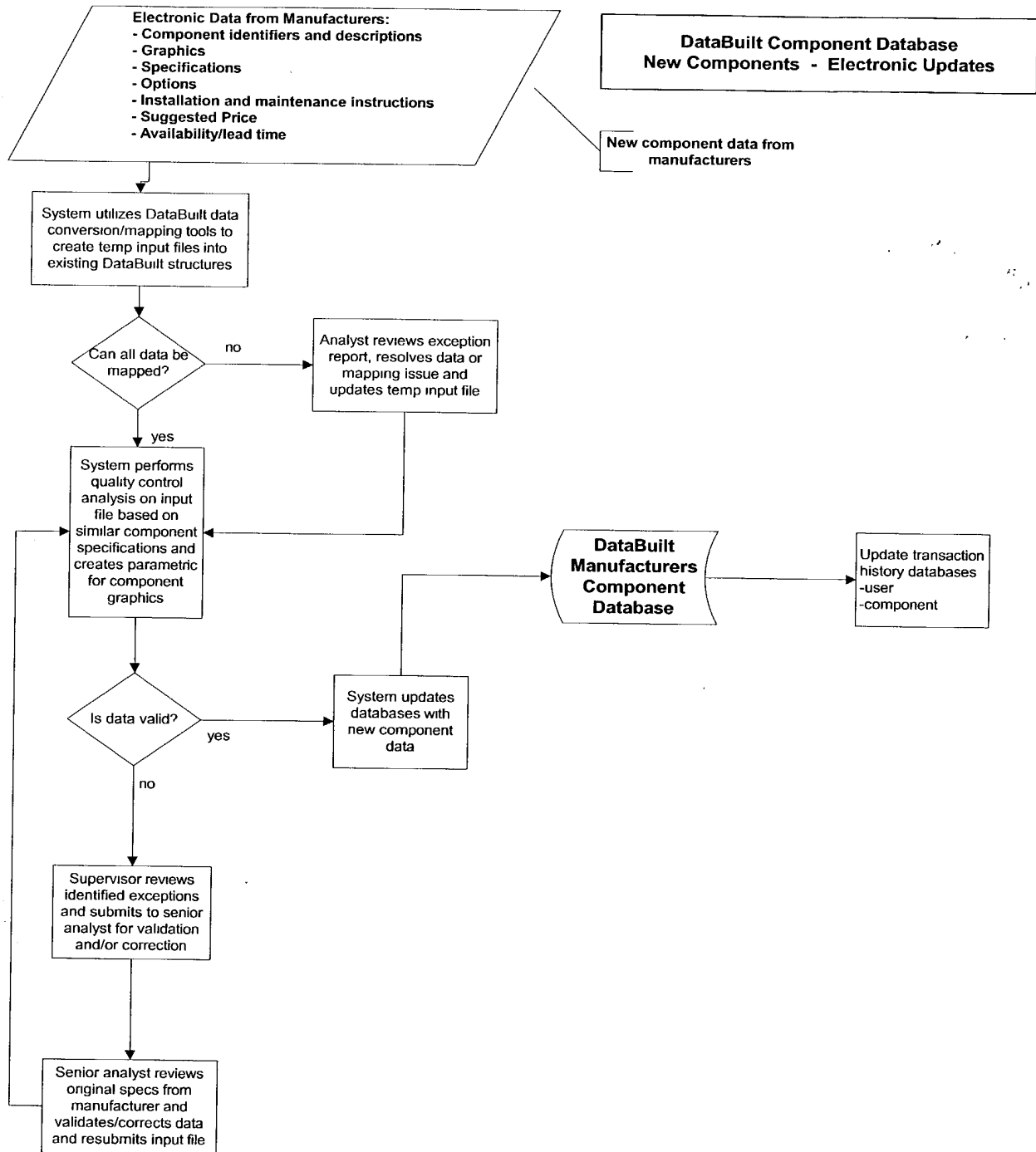


FIG. 19A

PROCESS FLOW: 1

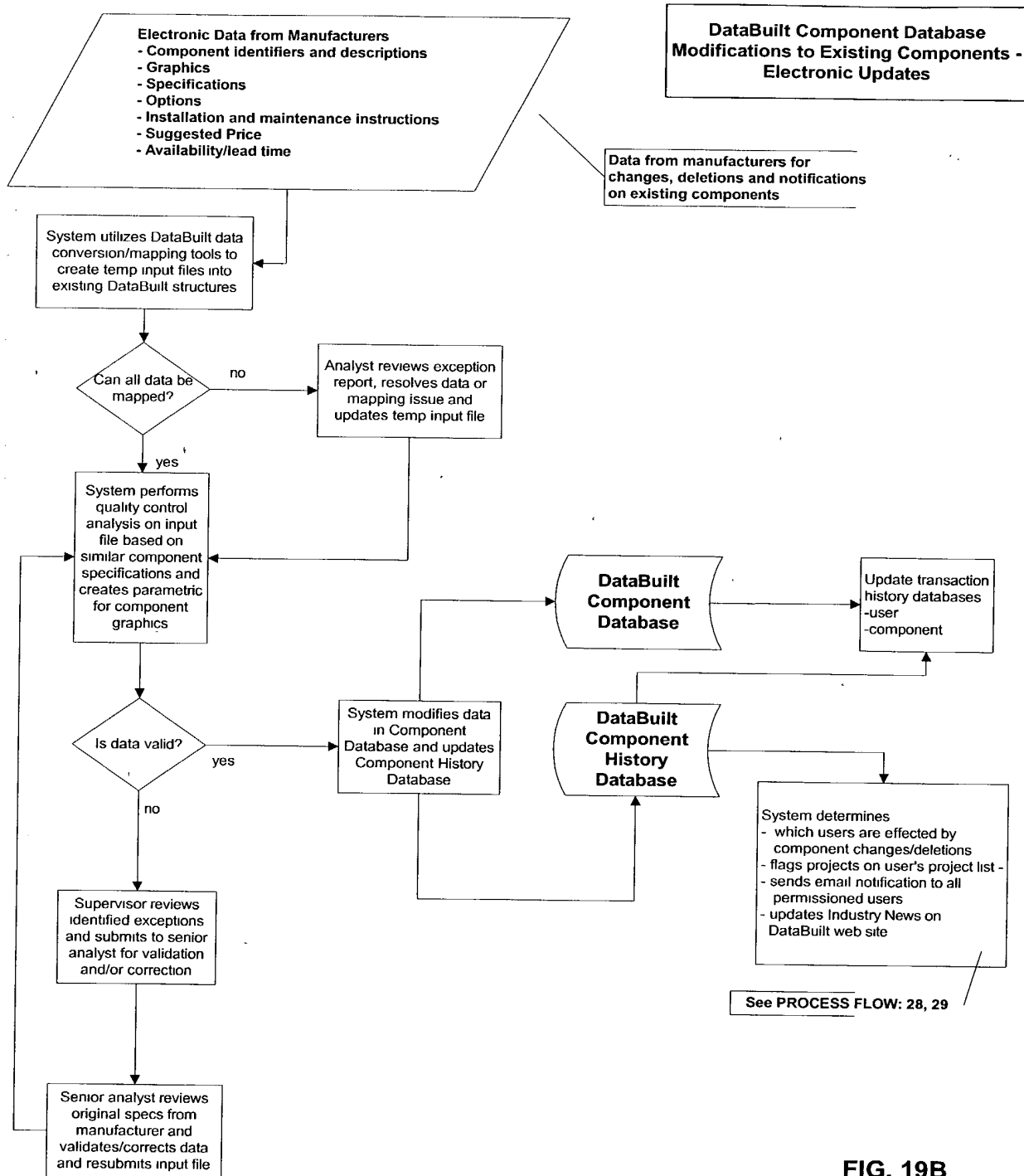


FIG. 19B

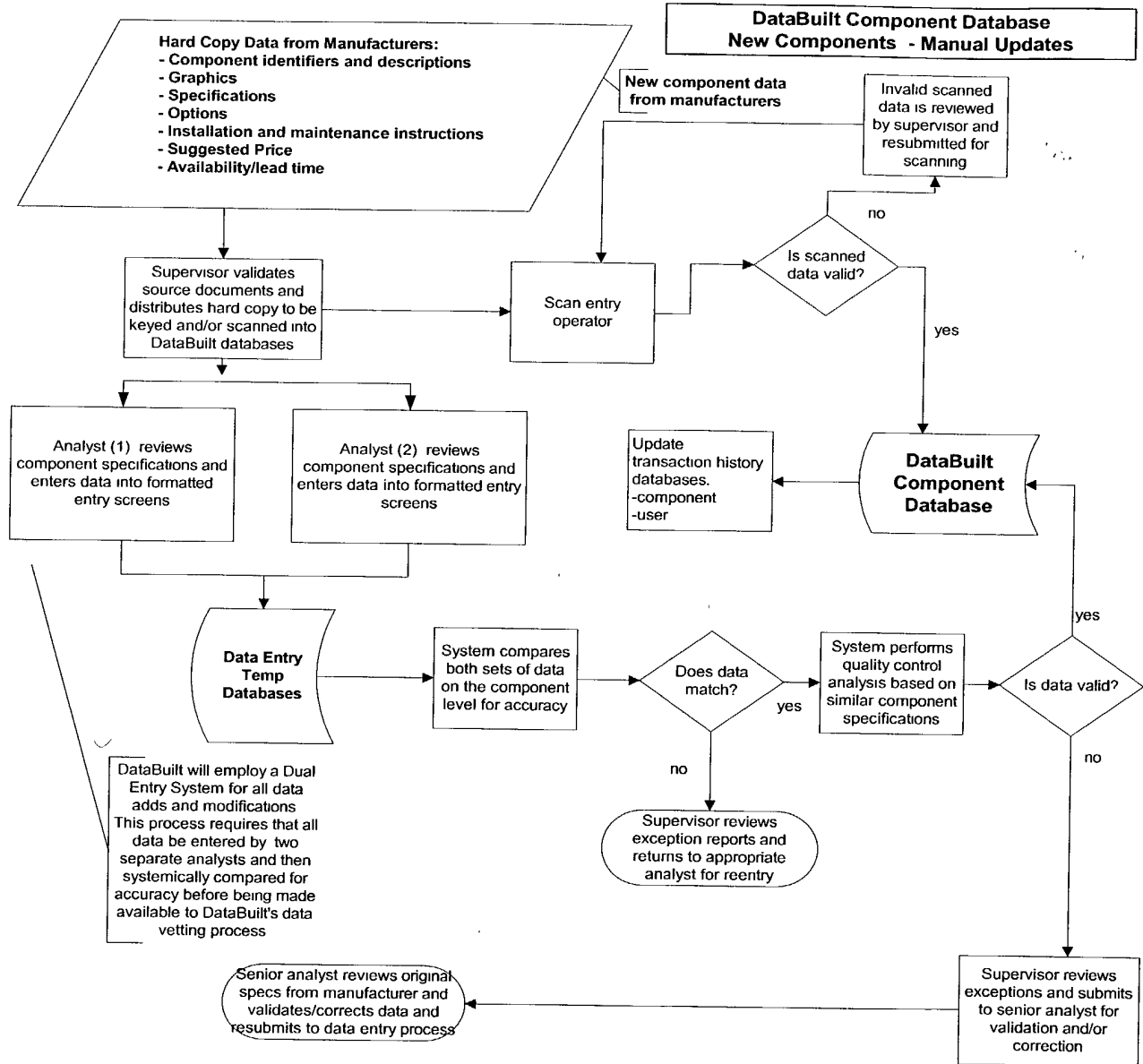


FIG. 19C

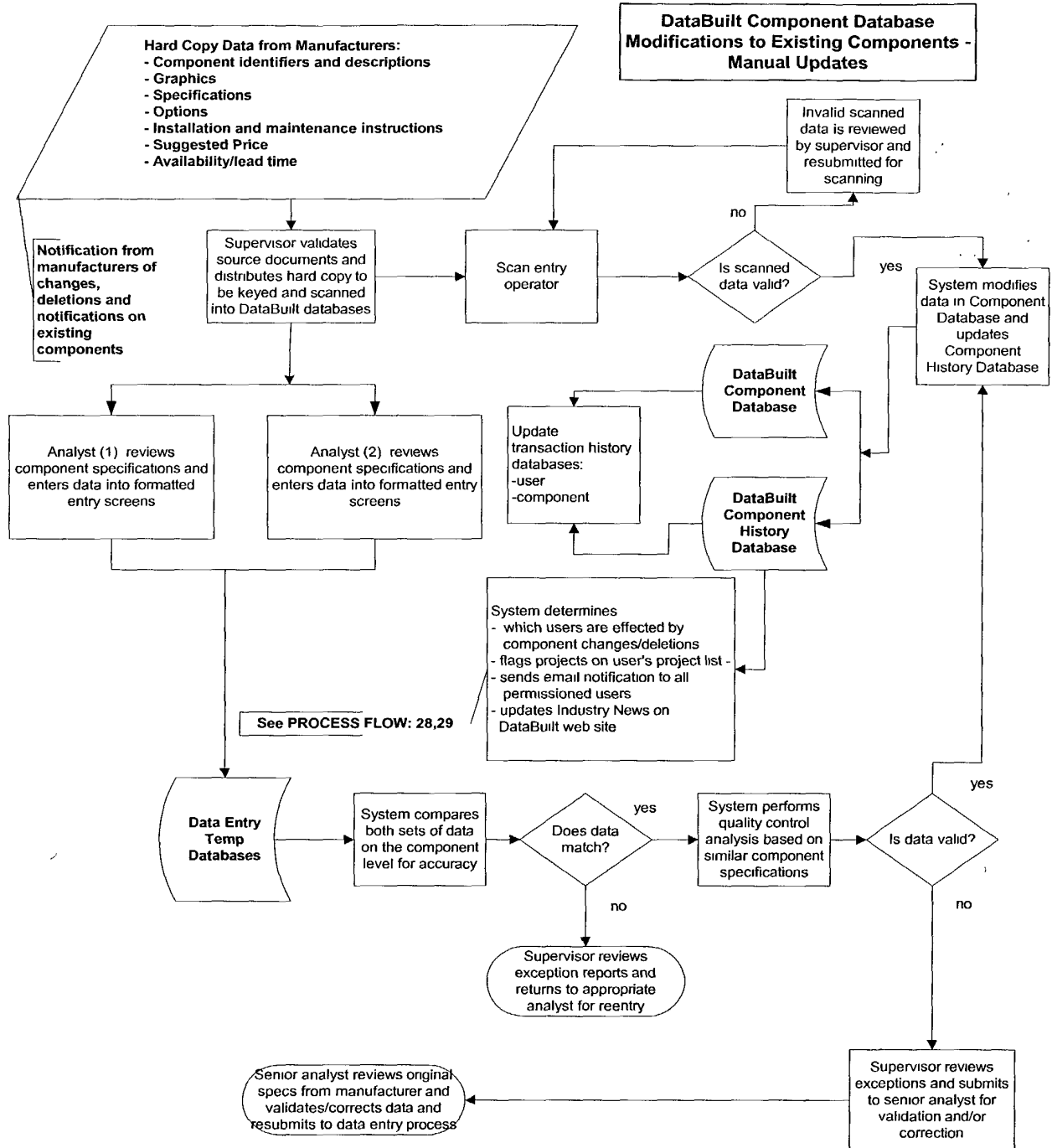


FIG. 19D



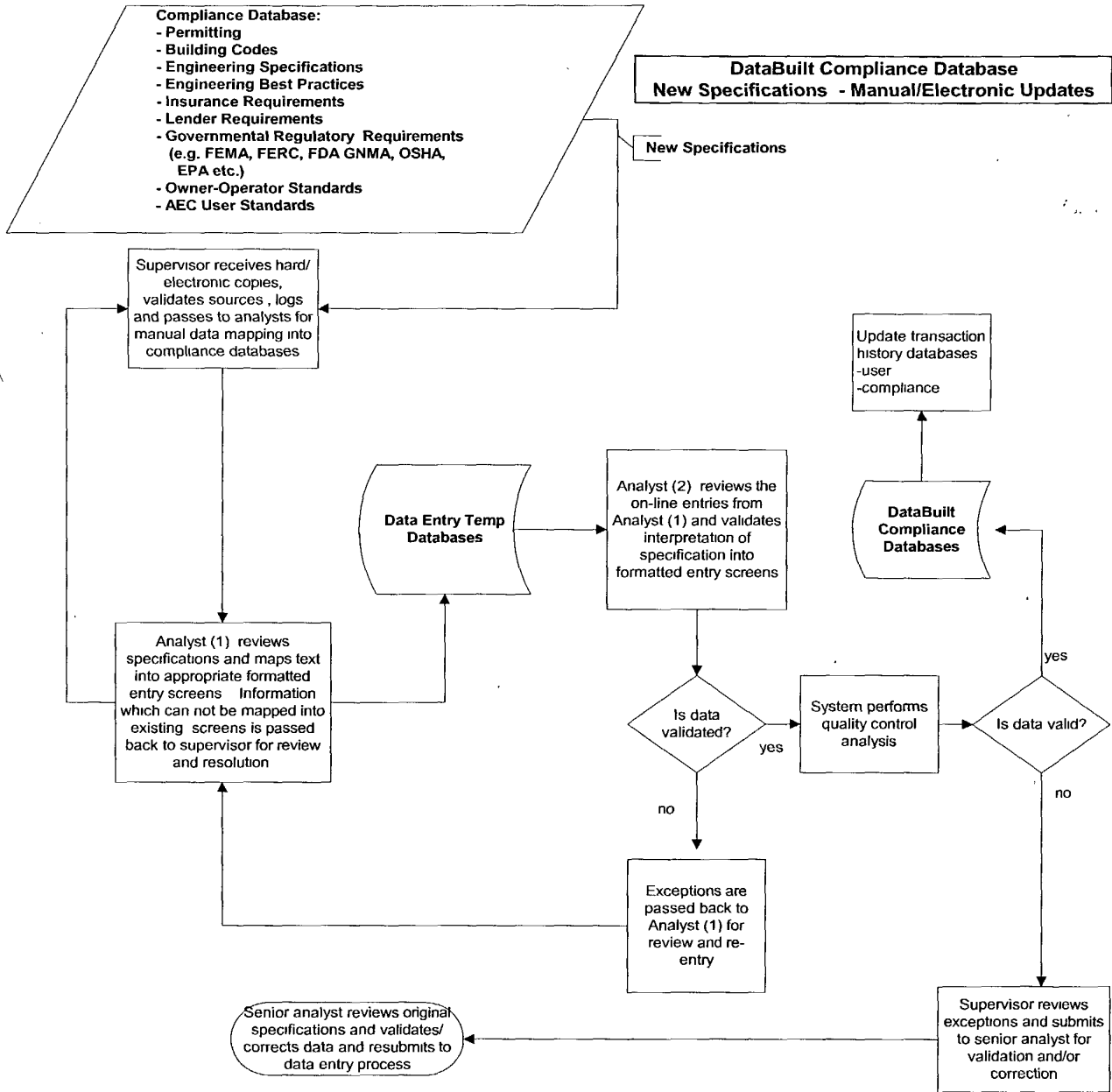


FIG. 19E

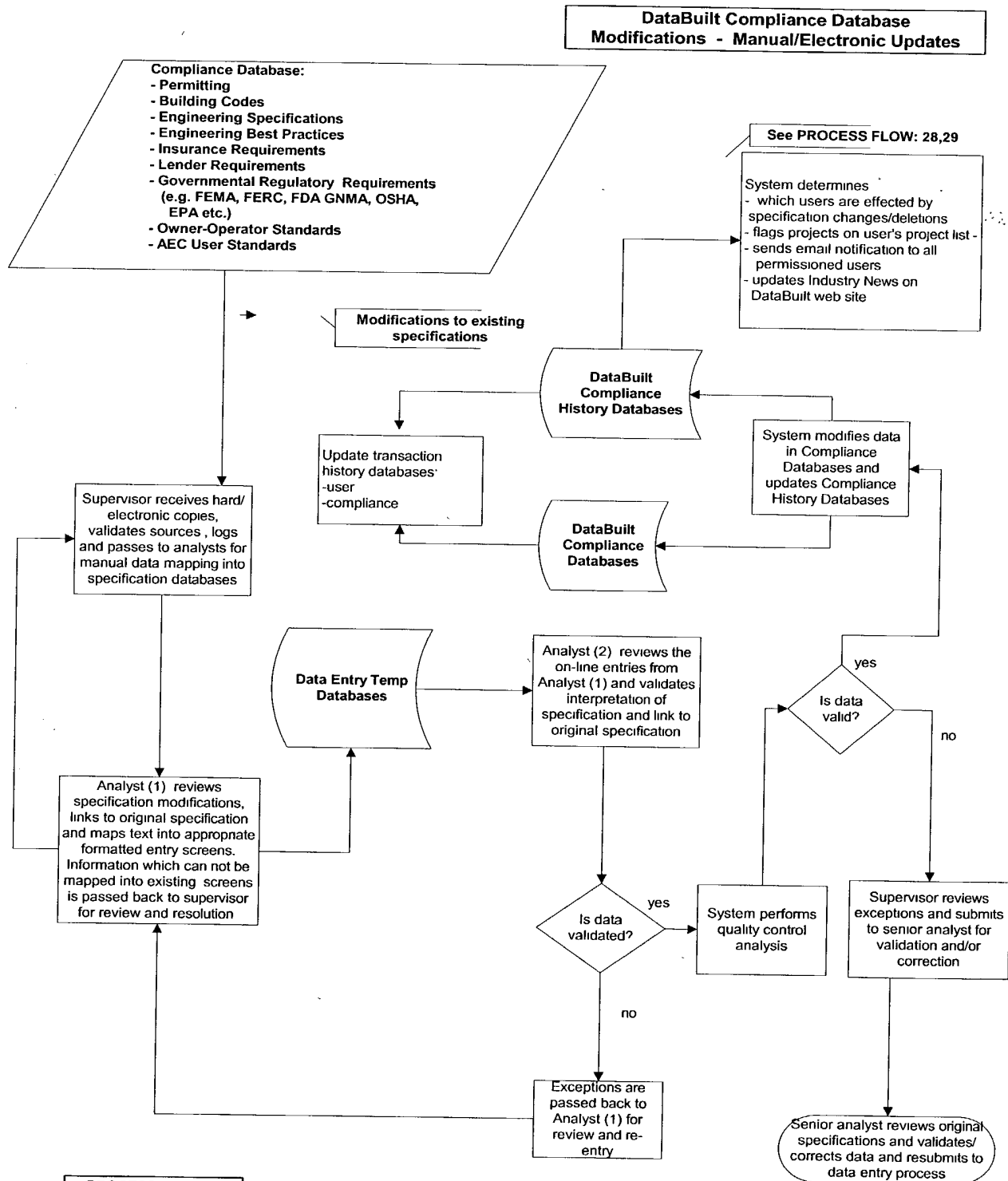
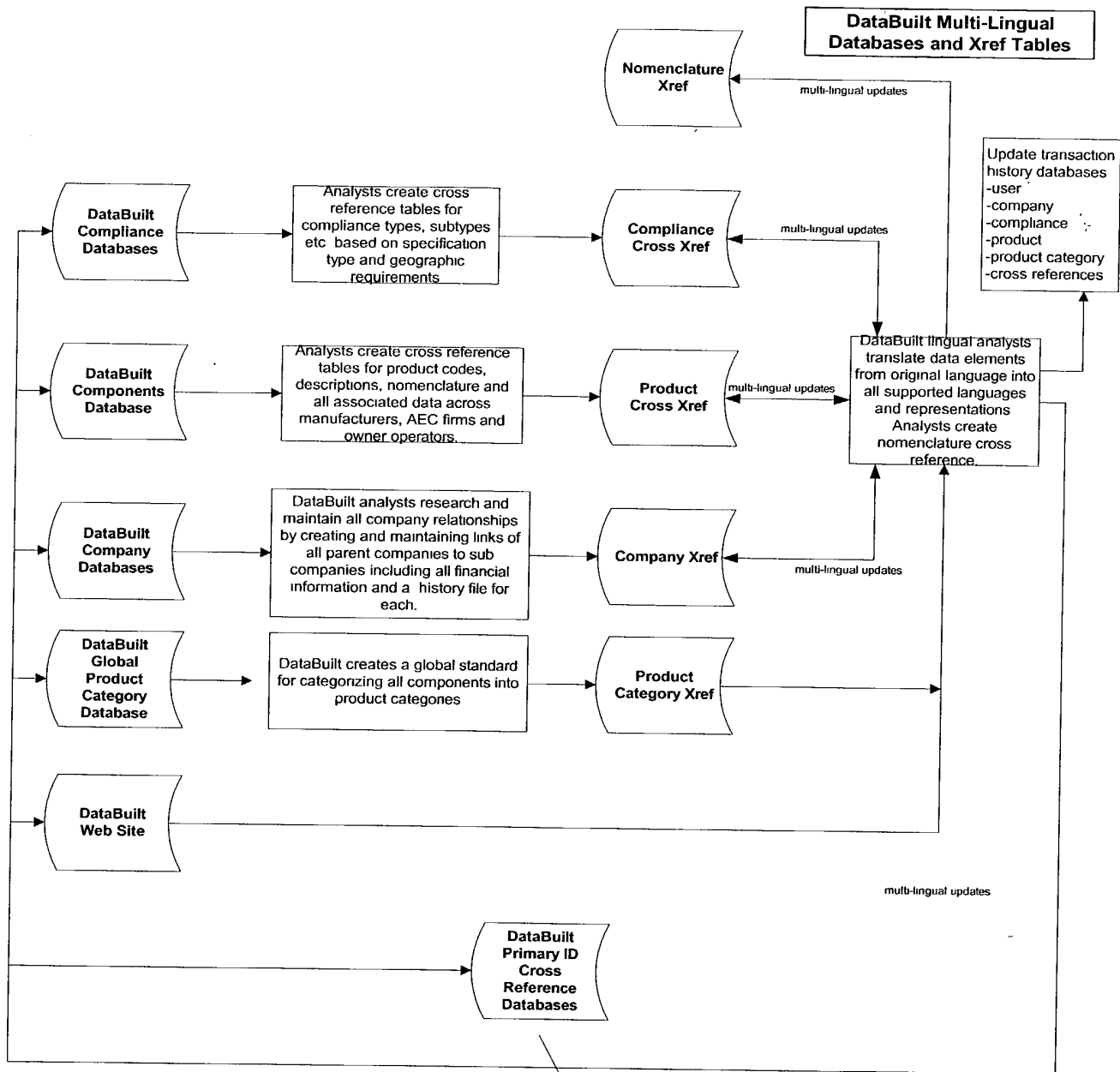


FIG. 19F

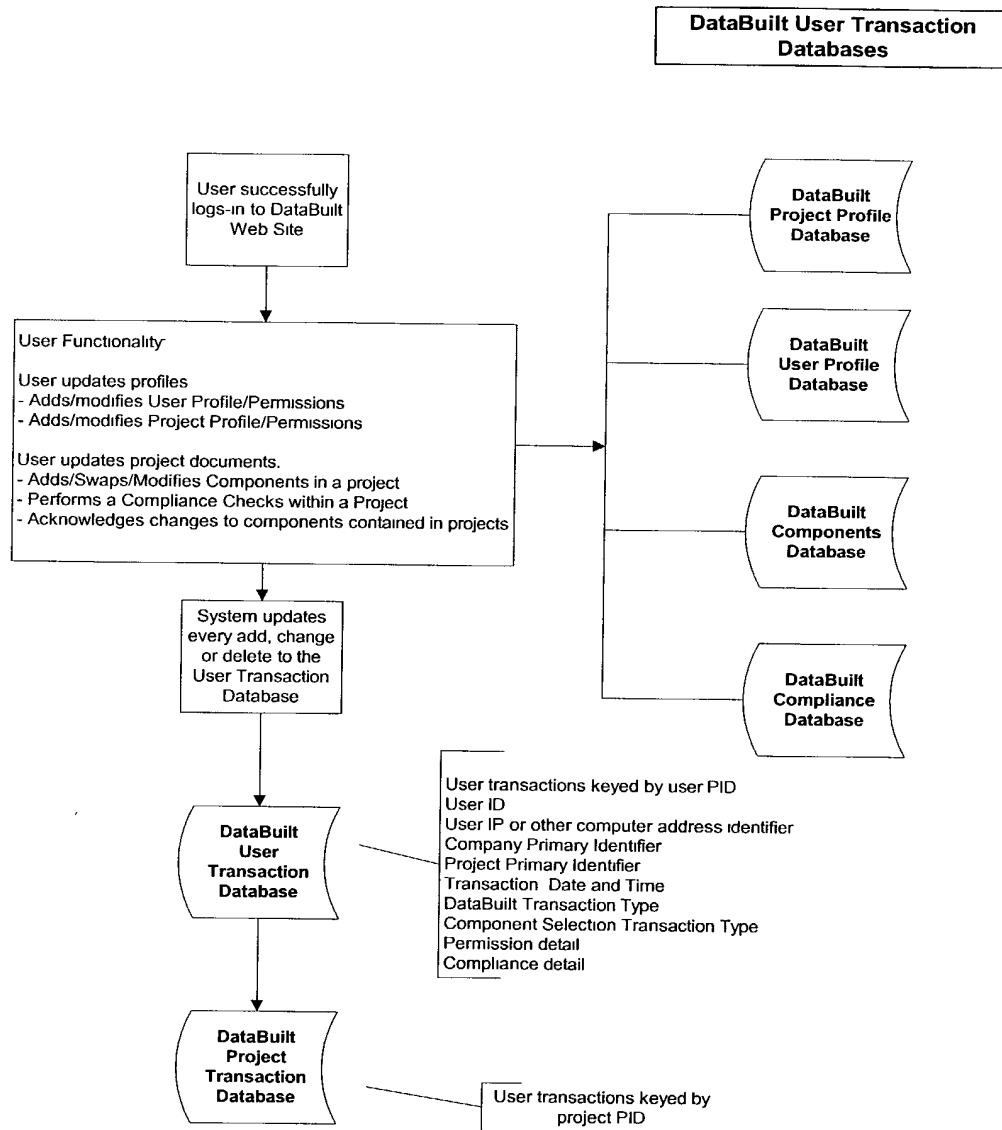


DataBuilt assigns a DataBuilt Unique Primary ID (PID) to all data elements stored in DataBuilt Databases (e.g. user names, company names, component names, compliance code types (permit types, building codes, engineering specification type etc.), product categories etc.

For every PID established by DataBuilt, a sophisticated cross reference system is created which links DataBuilt's PID to all other IDs and information (description etc.) used in the AEC Industry and in general business. This allows DataBuilt to add, maintain and track history by linking all data elements to the single unique identifier.

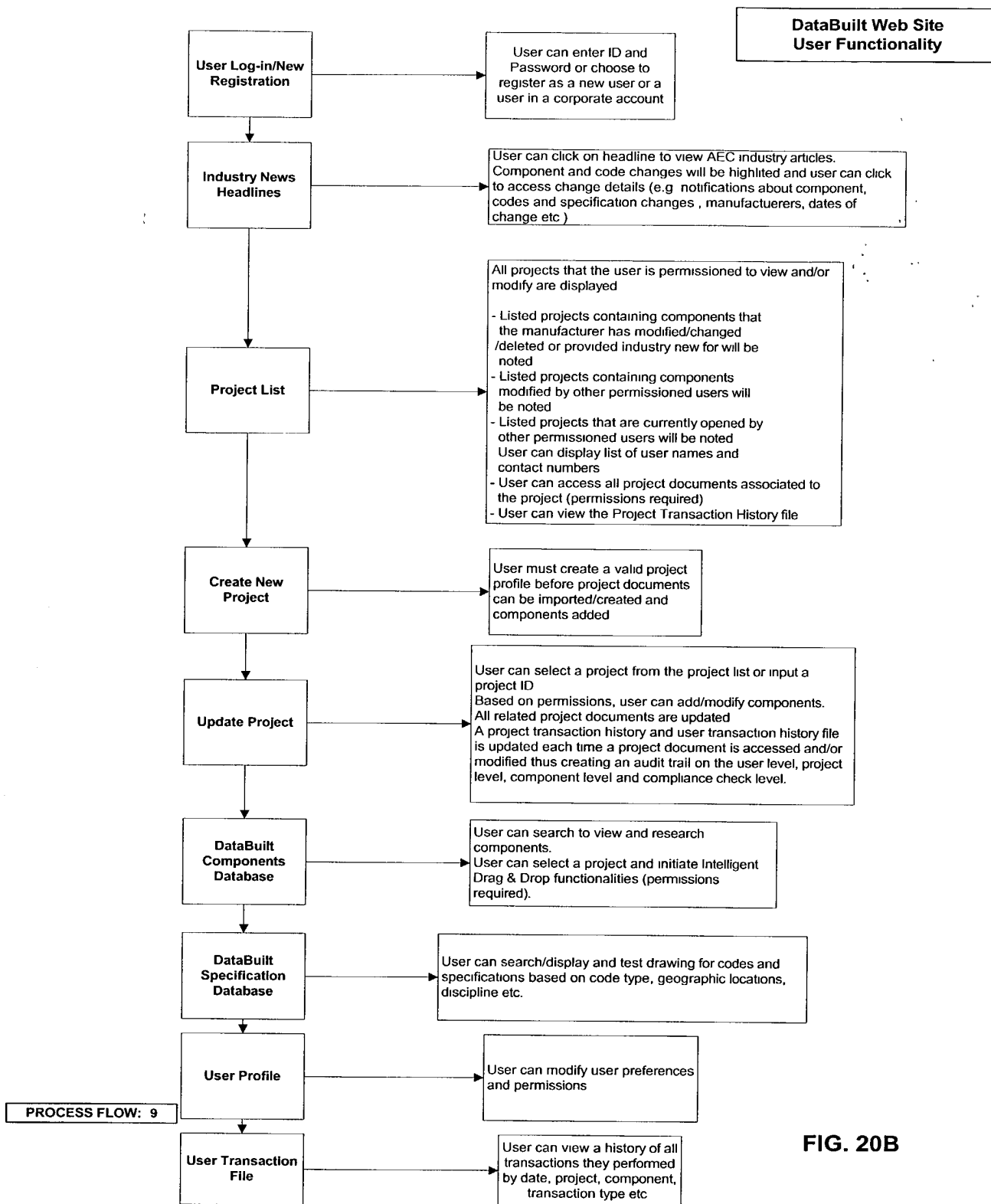
PROCESS FLOW: 7

FIG. 19G



PROCESS FLOW: 8

FIG. 20A



**FIG. 20B**

User Log-in  
DataBuilt Web Site

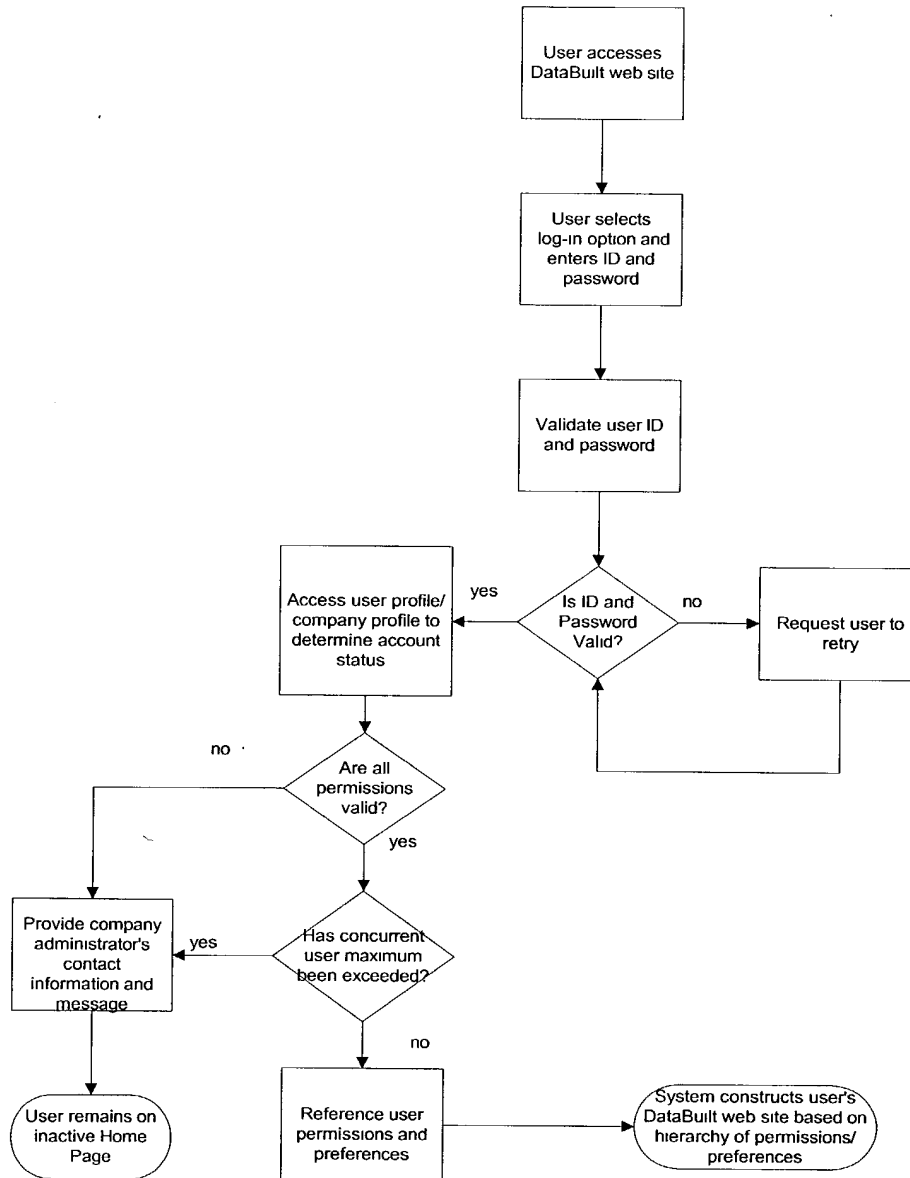
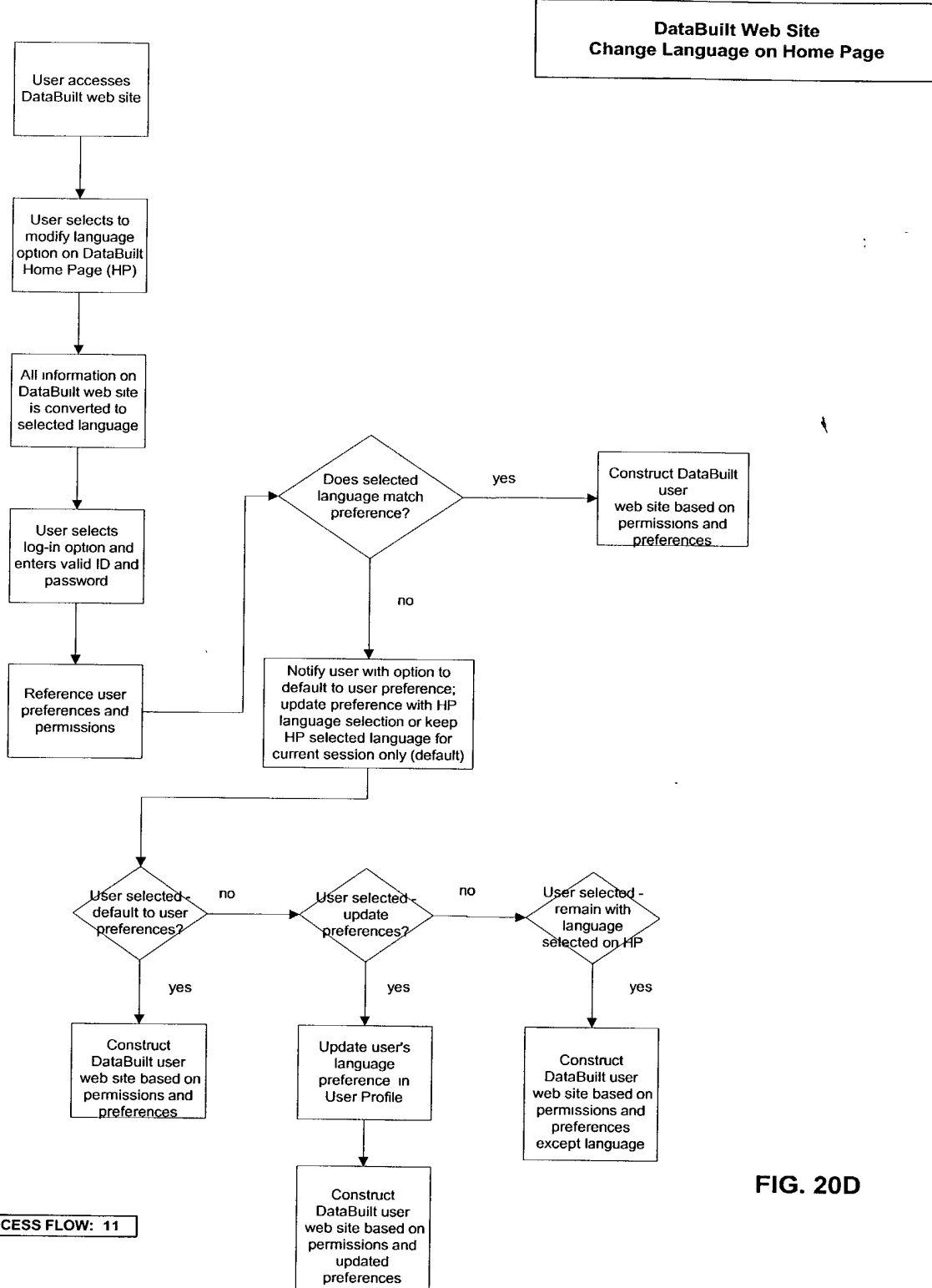
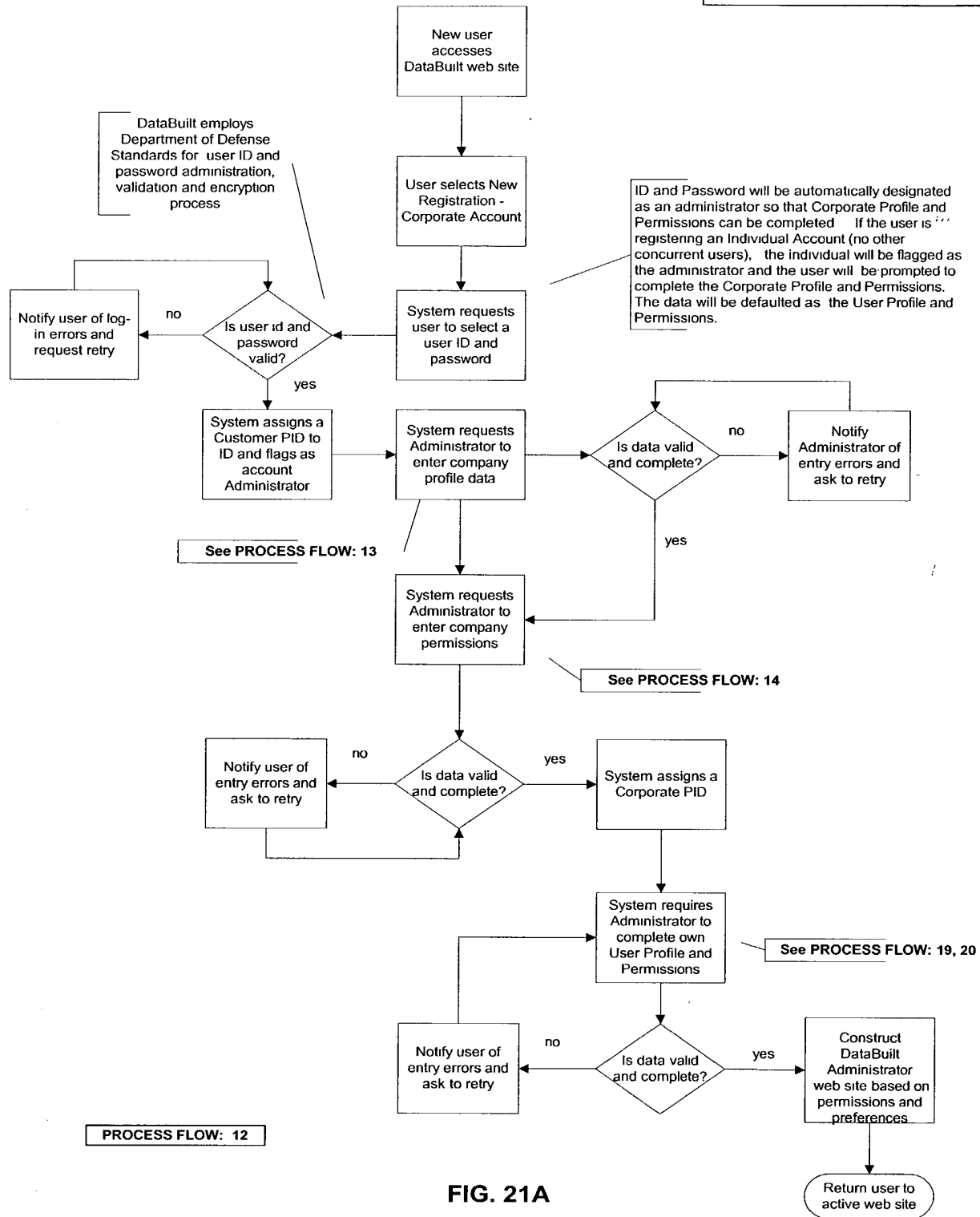


FIG. 20C

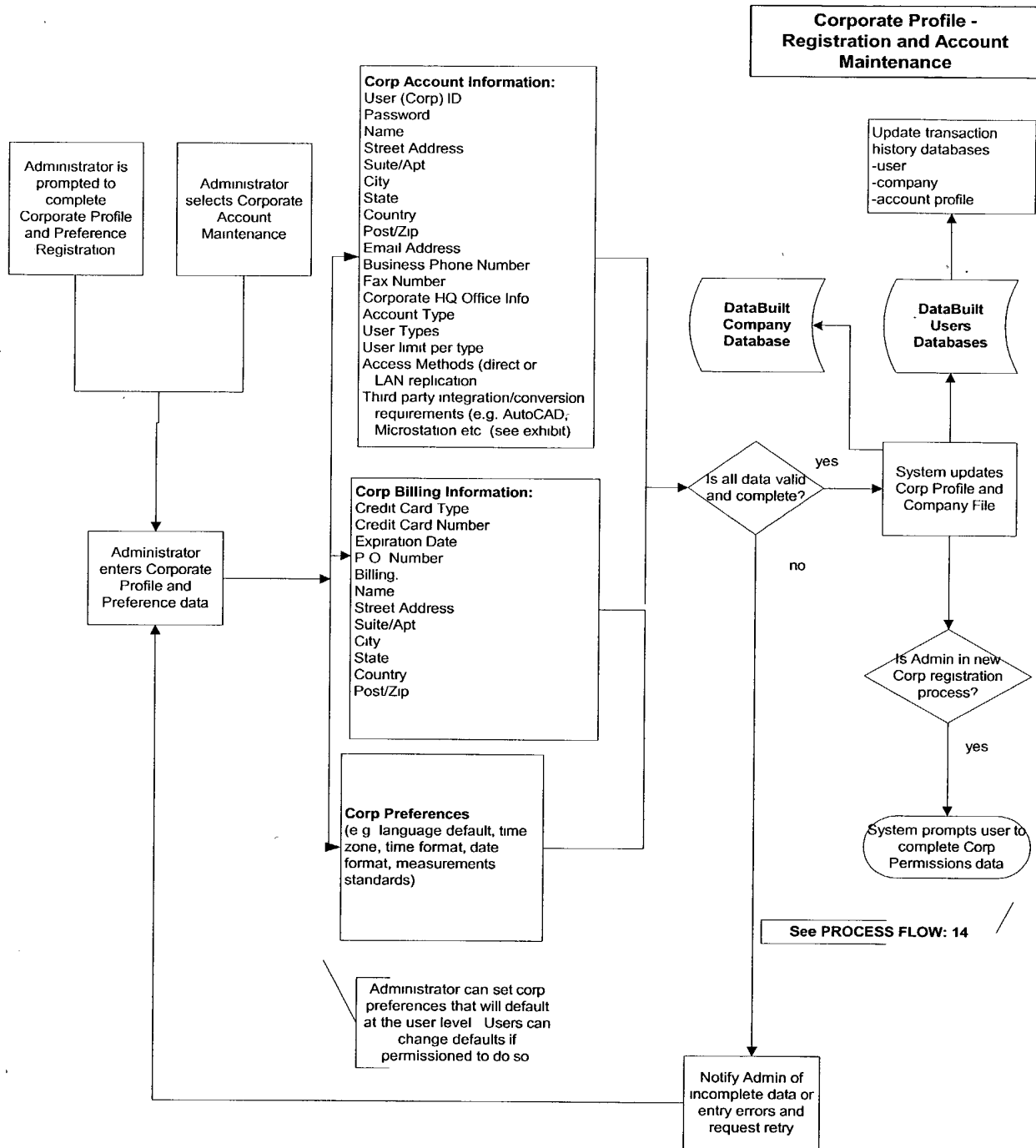


**FIG. 20D**

**Corporate Account Registration**



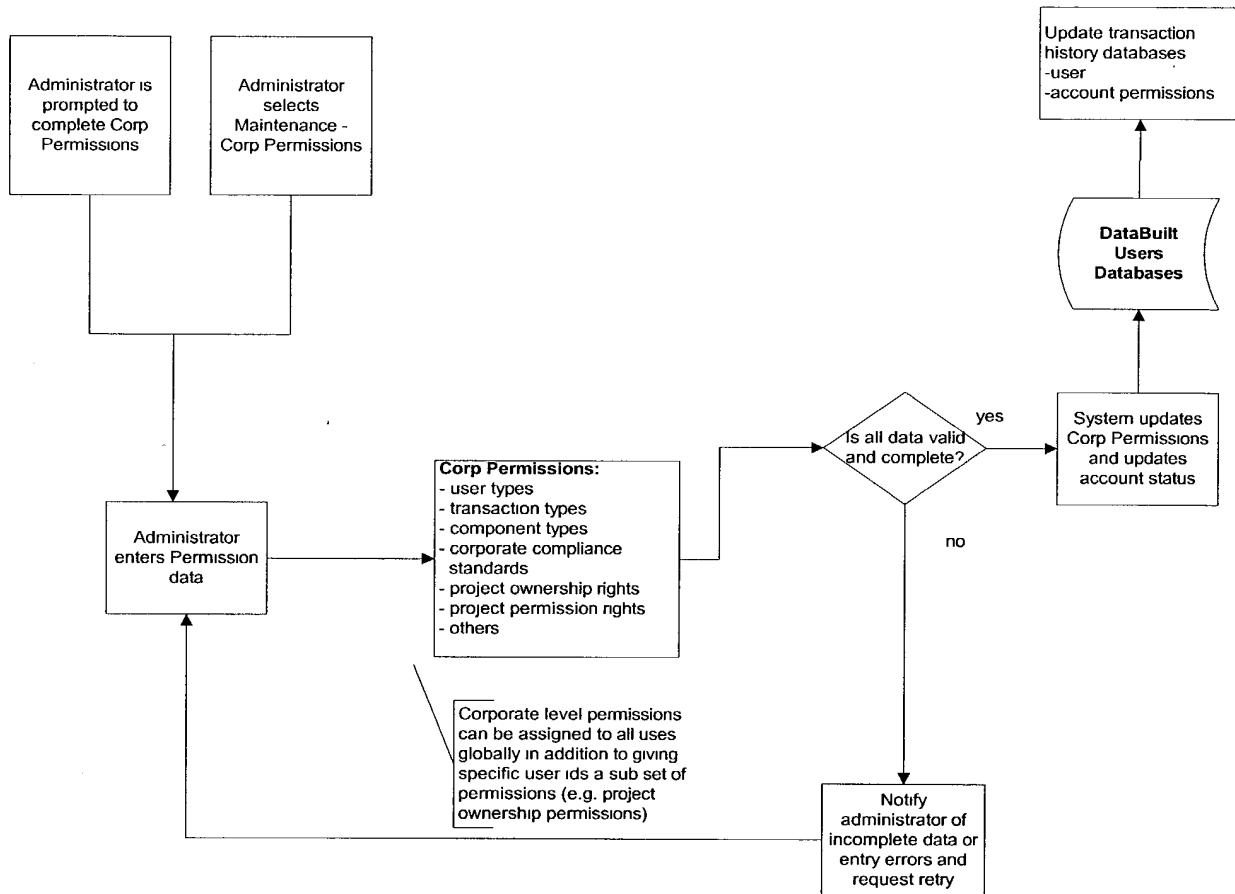


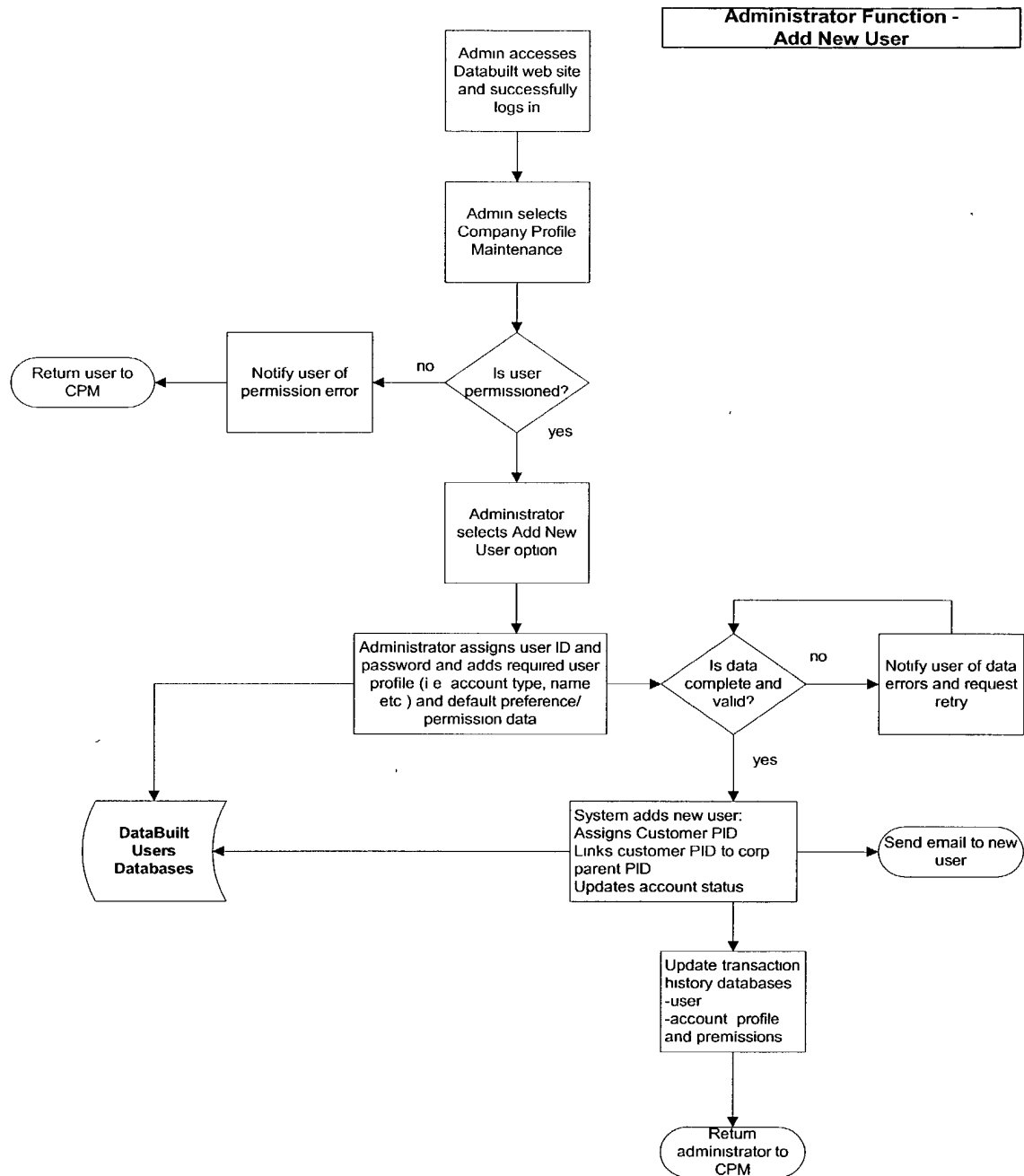


PROCESS FLOW: 13

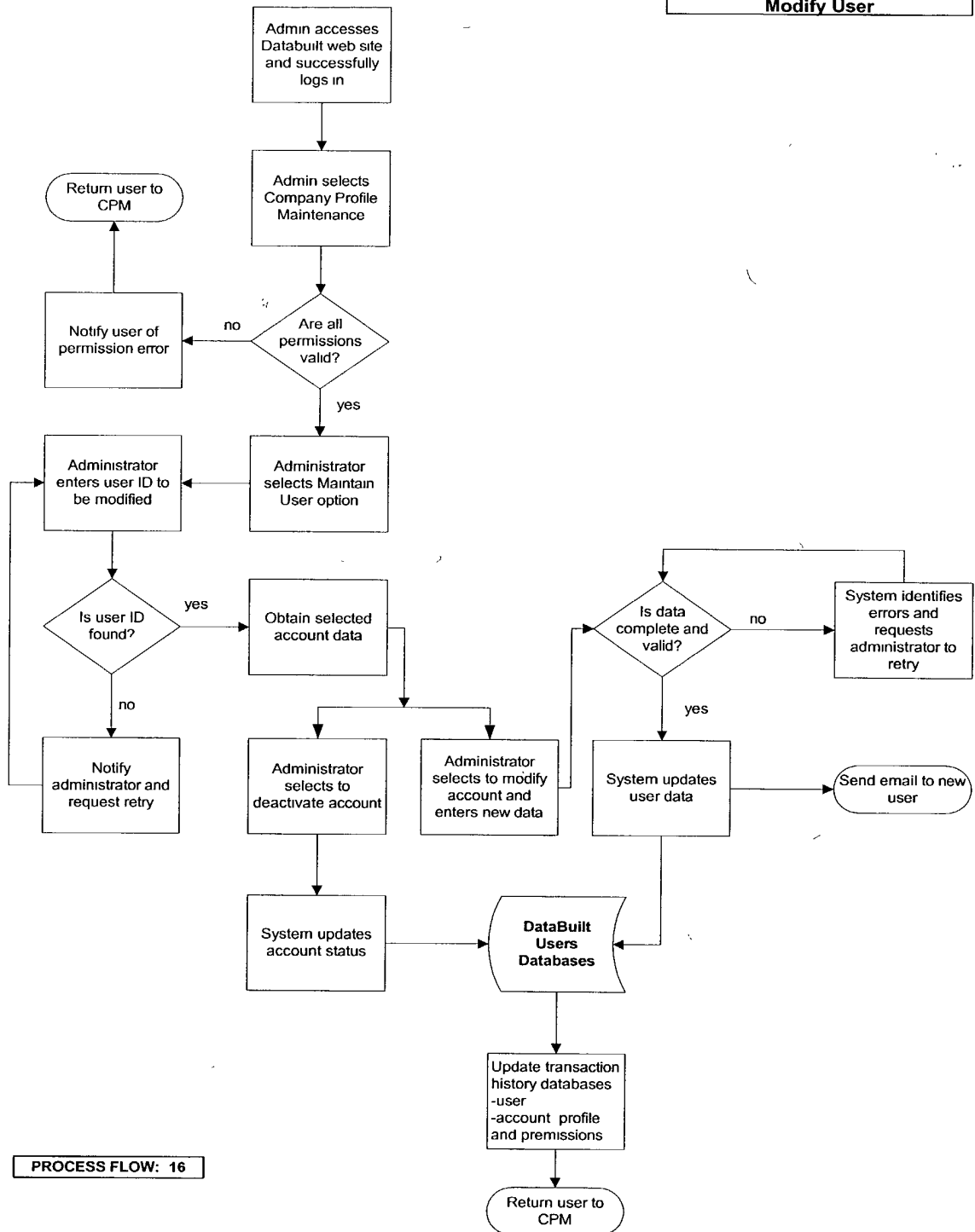
FIG. 21B

**Corporate Permissions -  
Registration and Account  
Maintenance**





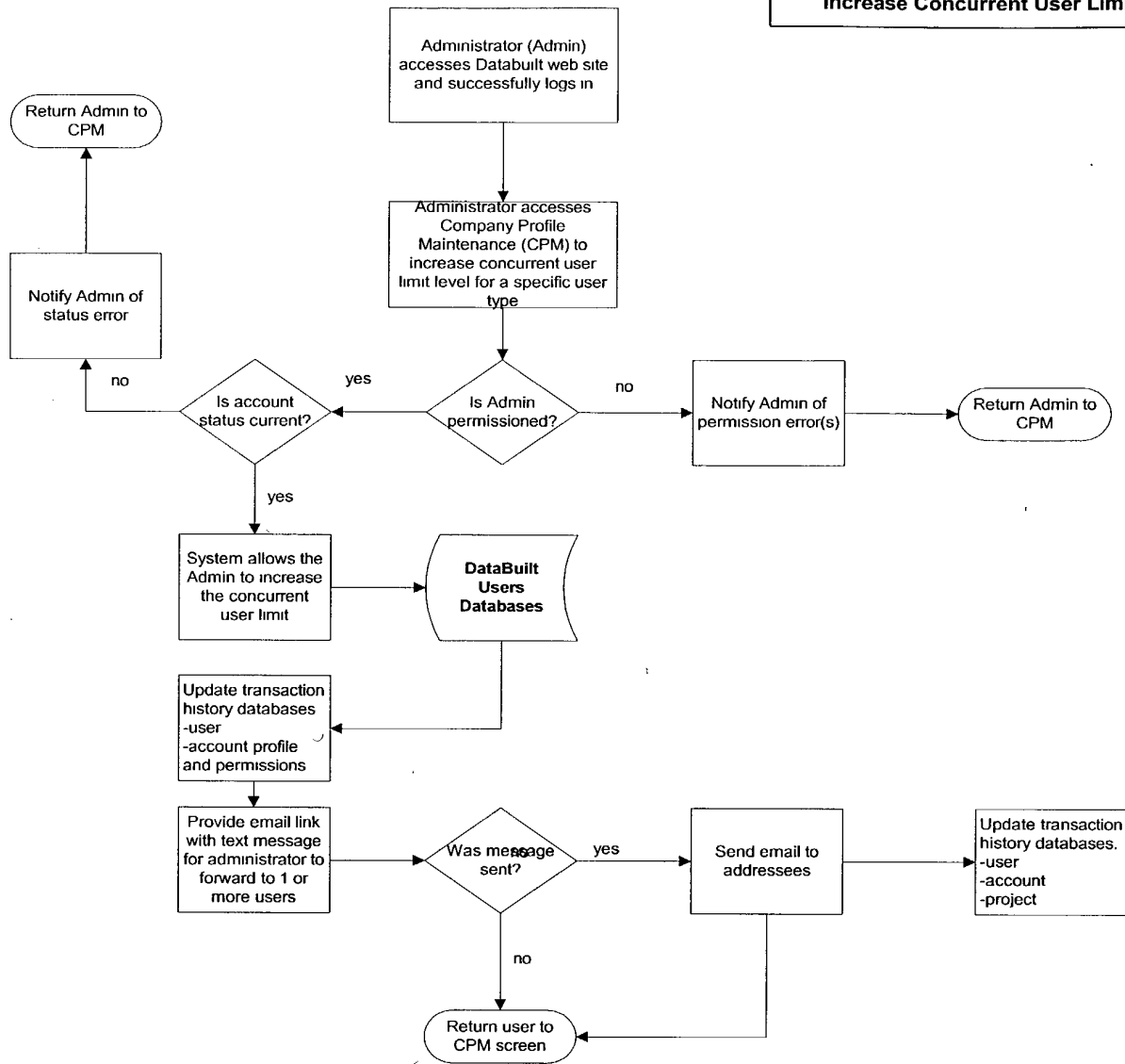
**Administrator Functions -  
Modify User**



PROCESS FLOW: 16

**FIG. 21E**

**Administrator Function -  
Increase Concurrent User Limit**



PROCESS FLOW: 17

**FIG. 21F**

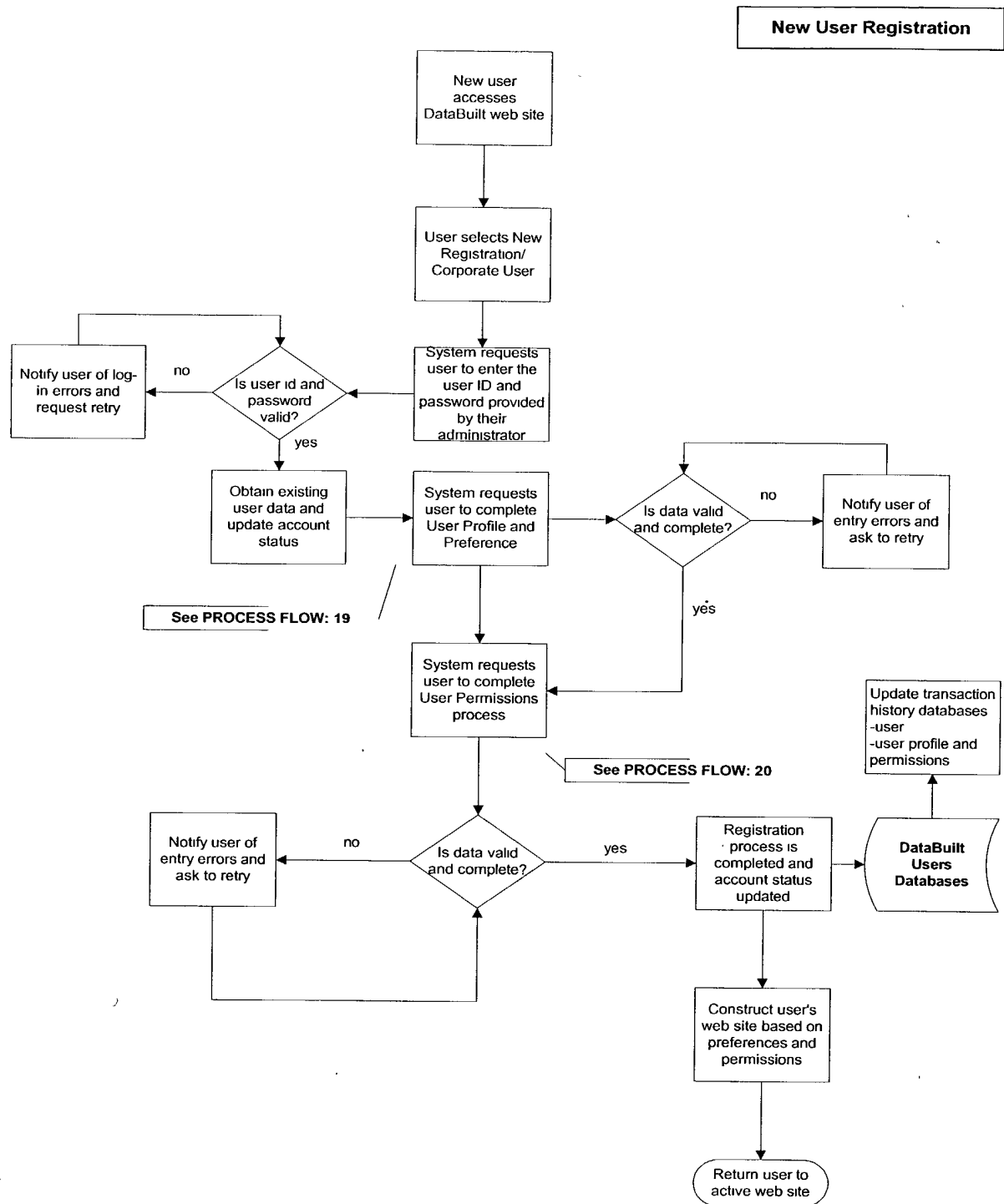
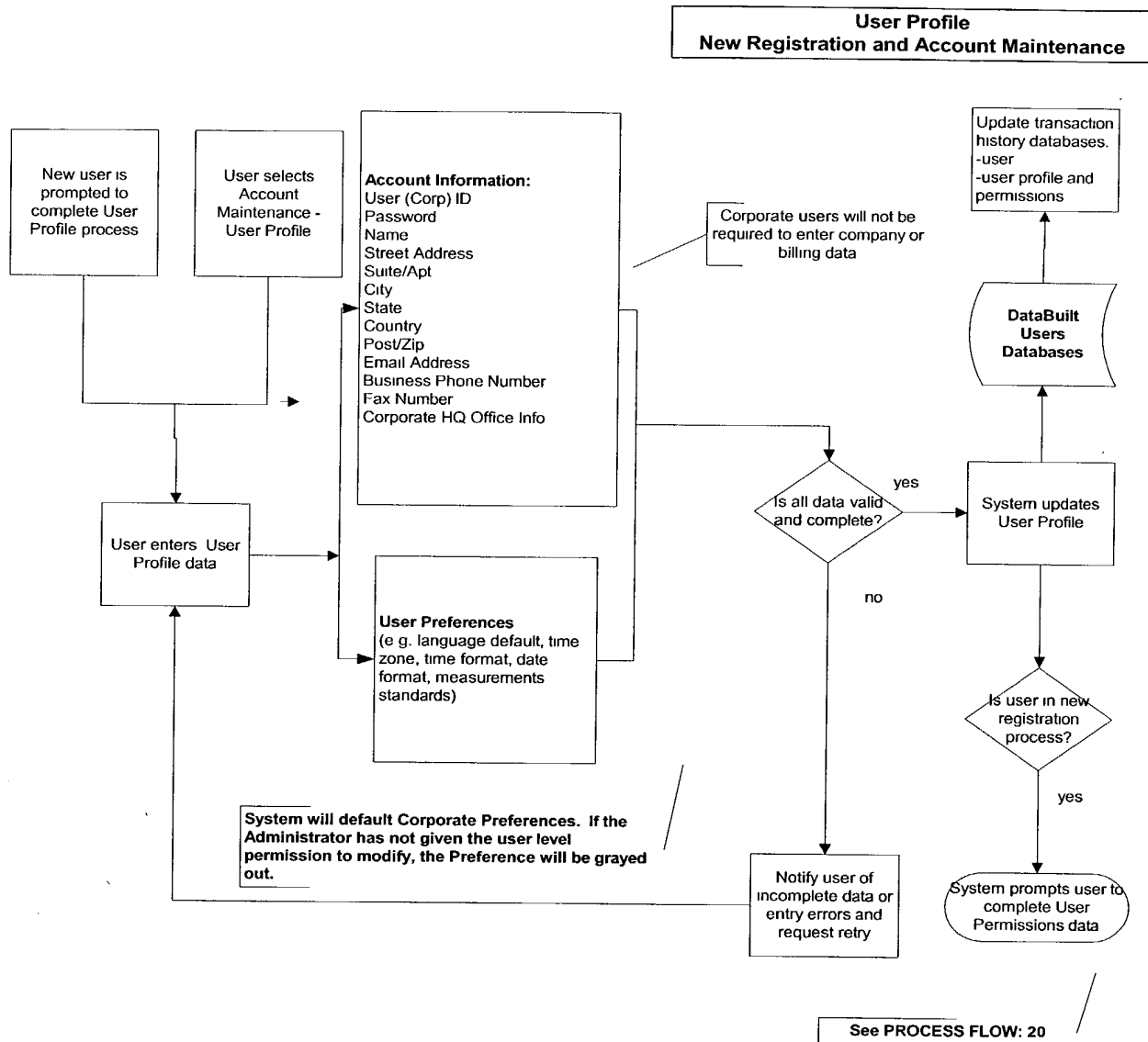
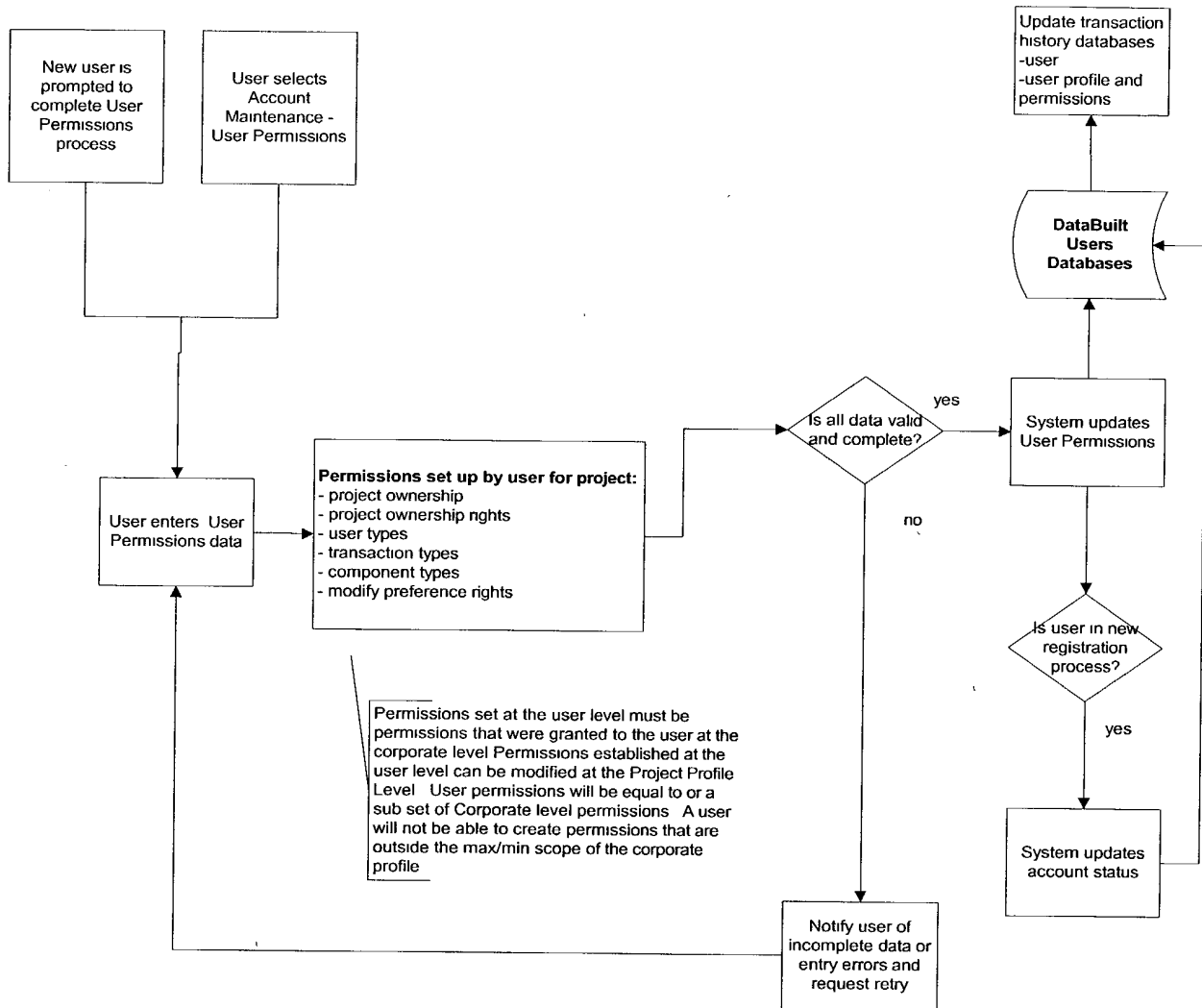


FIG. 21G



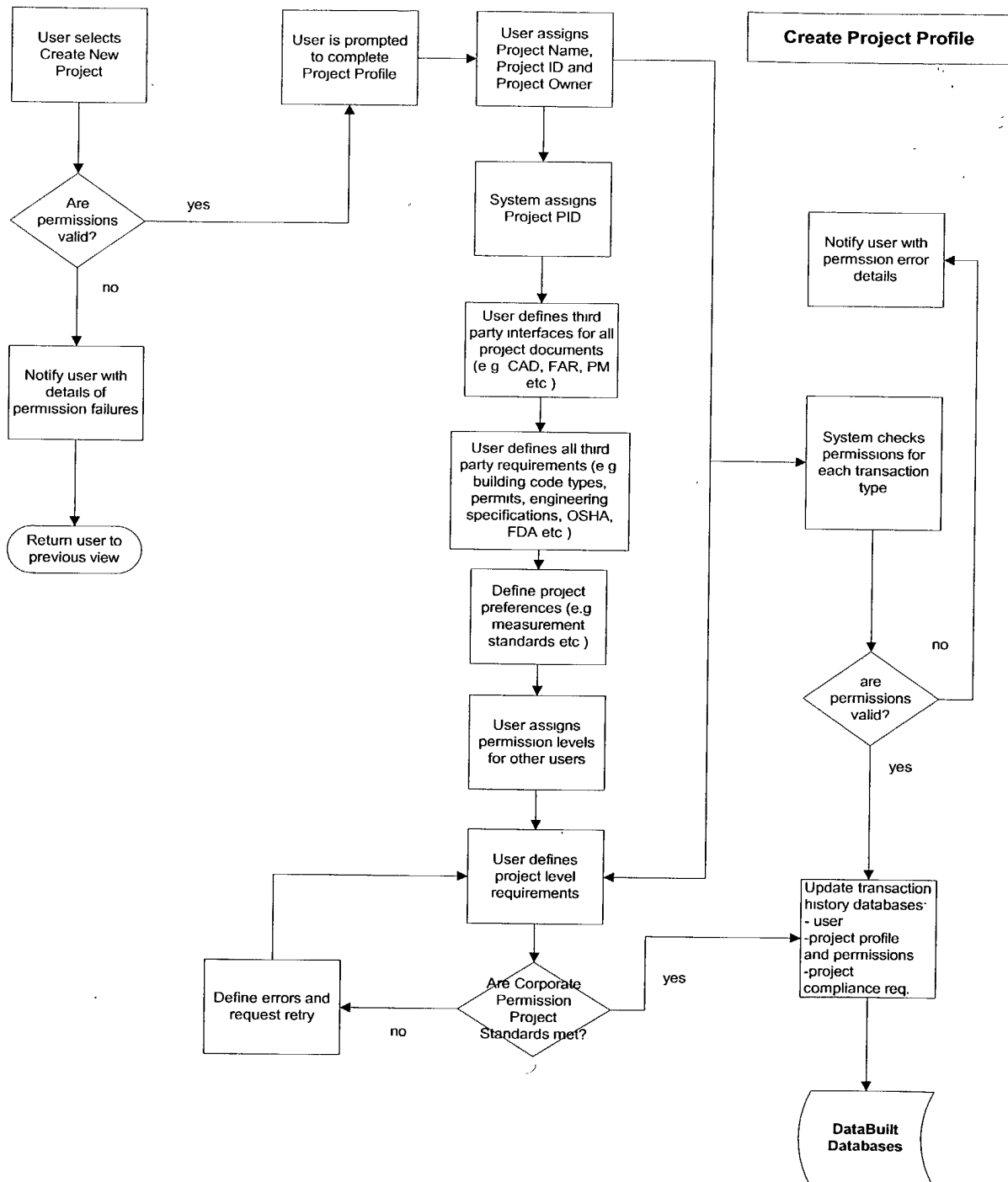
**User Permissions  
Registration and Account Maintenance**



PROCESS FLOW: 20

FIG. 21I





PROCESS FLOW: 21

FIG. 22A

## Update Project Components

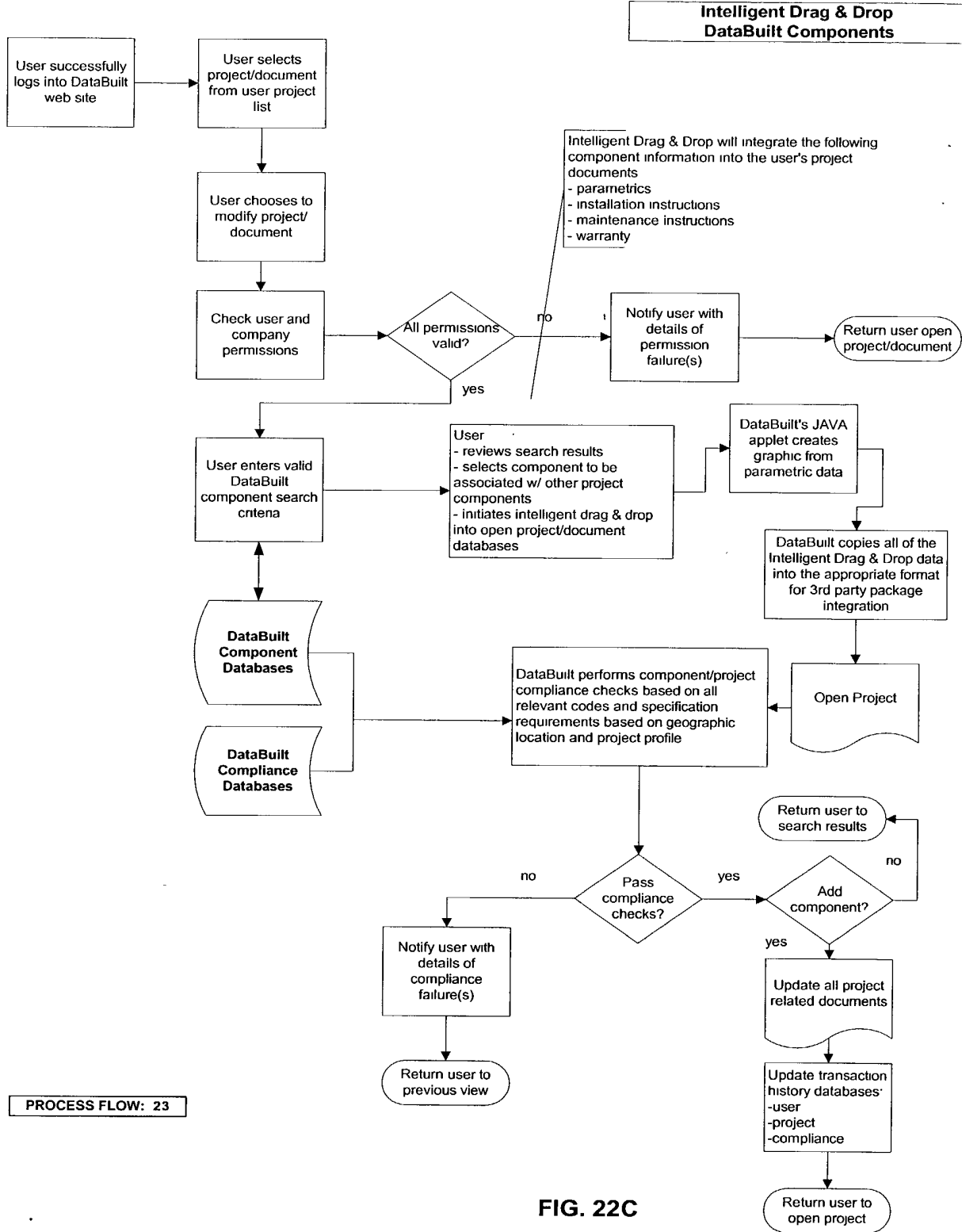
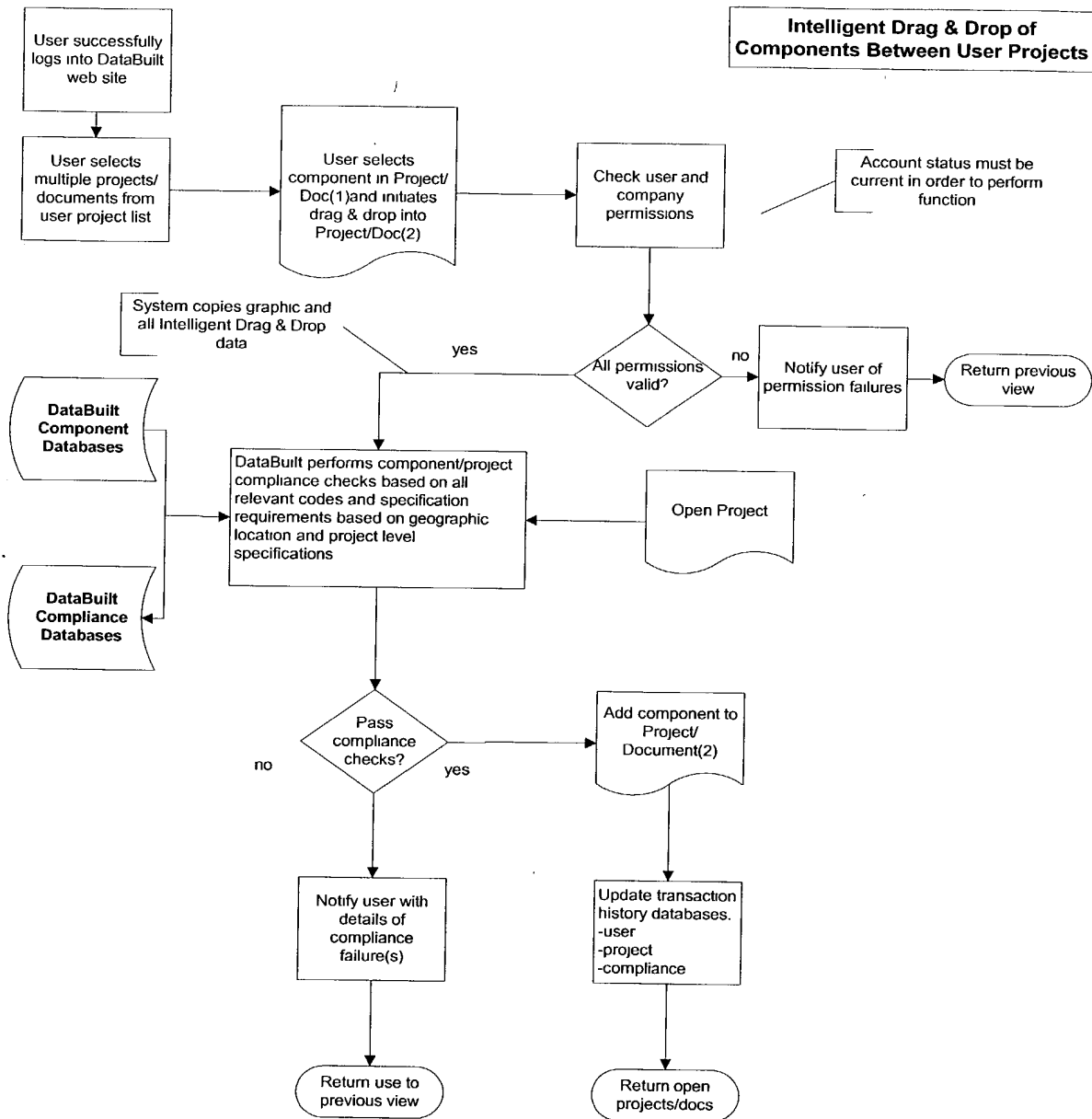
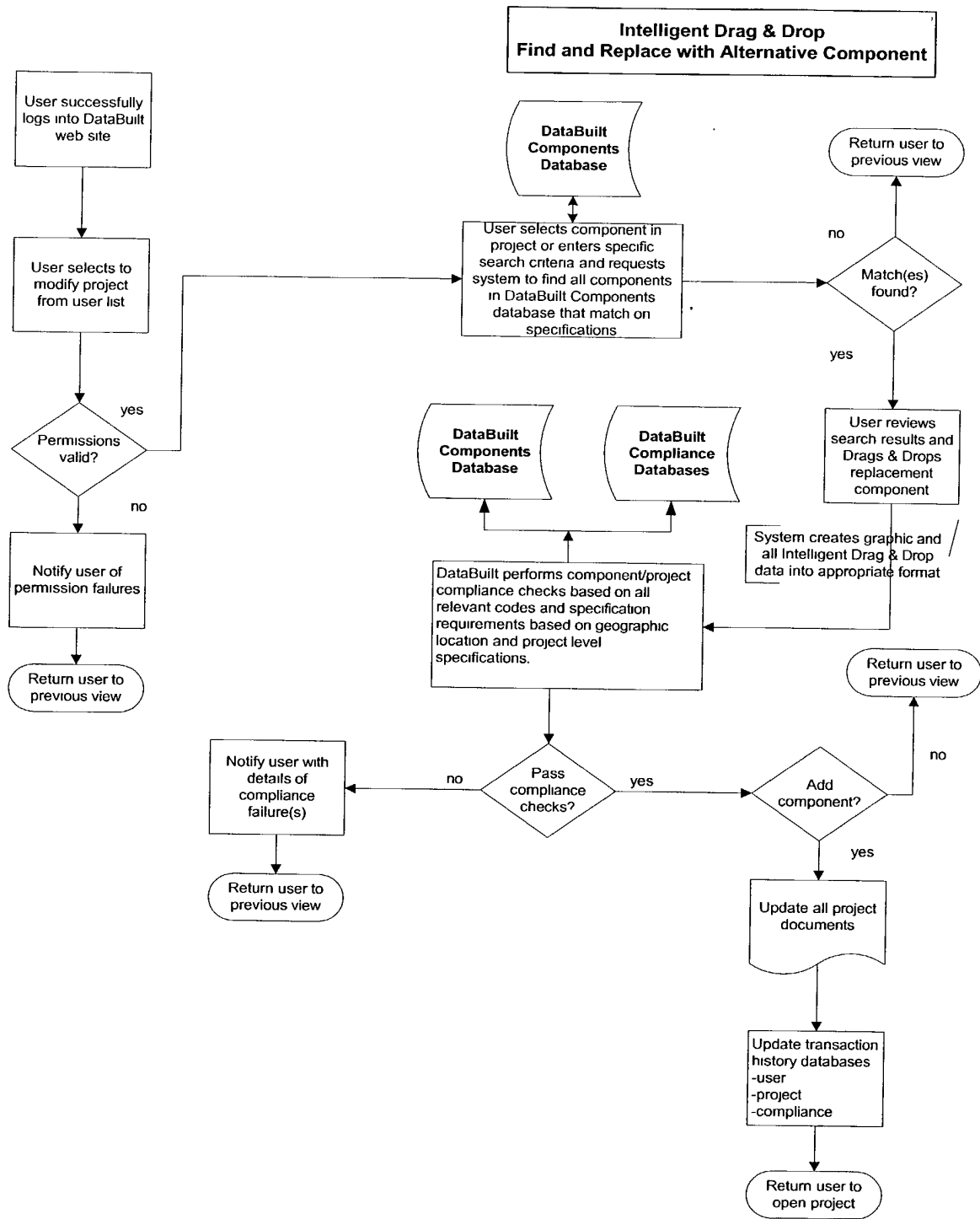


FIG. 22C





PROCESS FLOW: 25

FIG. 22E

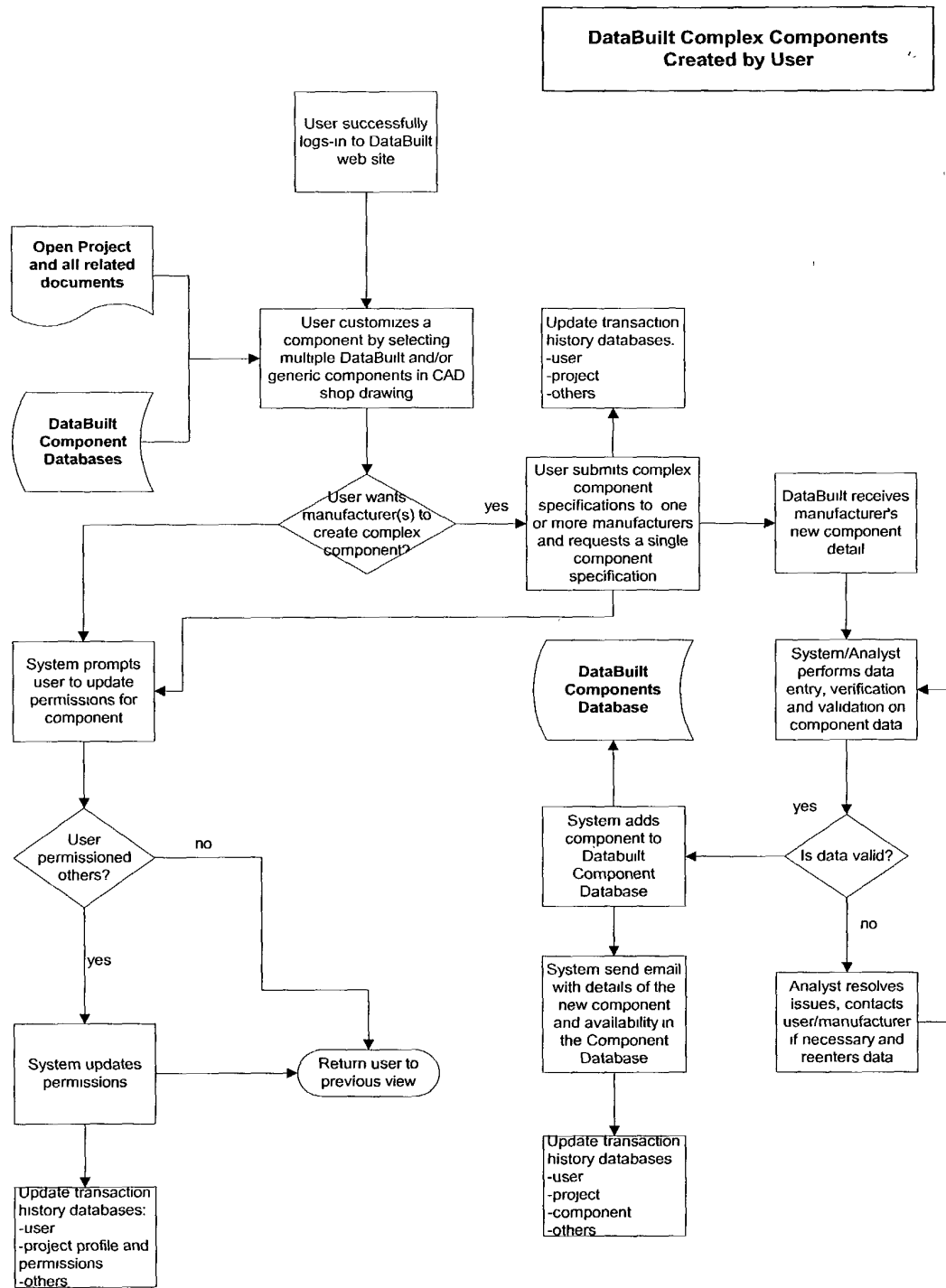
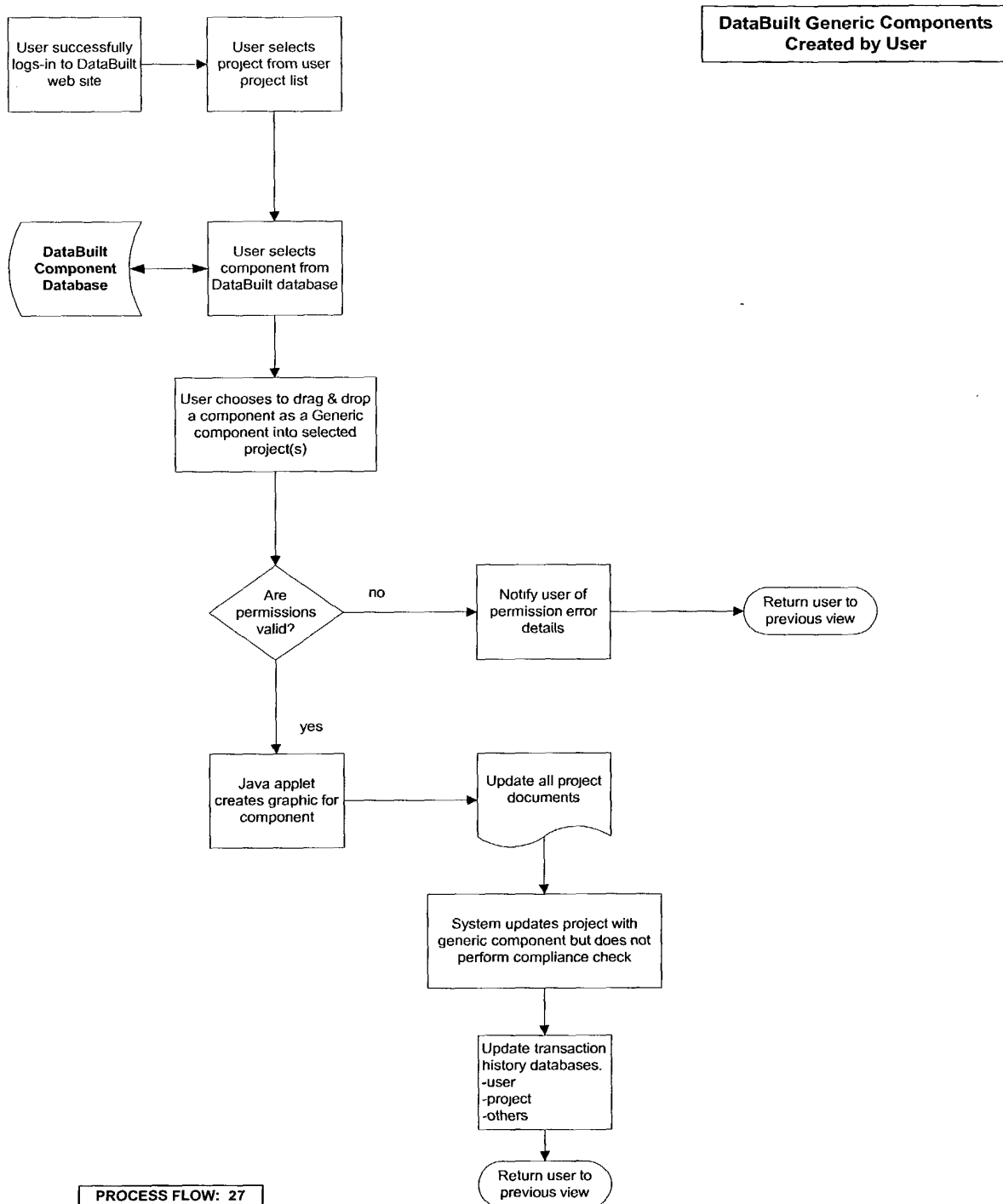
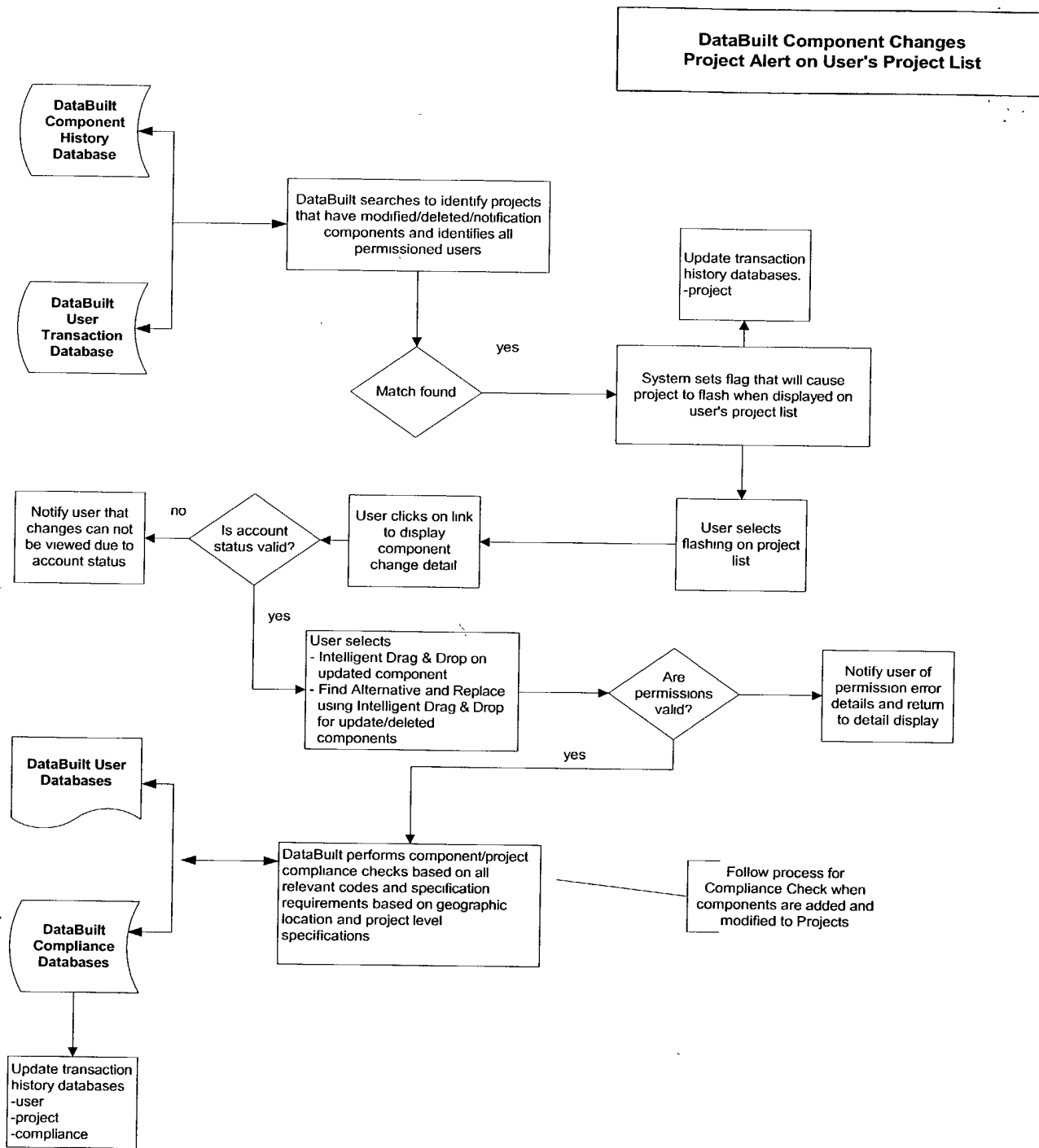


FIG. 23A



**FIG. 23B**





**DataBuilt Component Changes  
Project Alert by Email to Users**

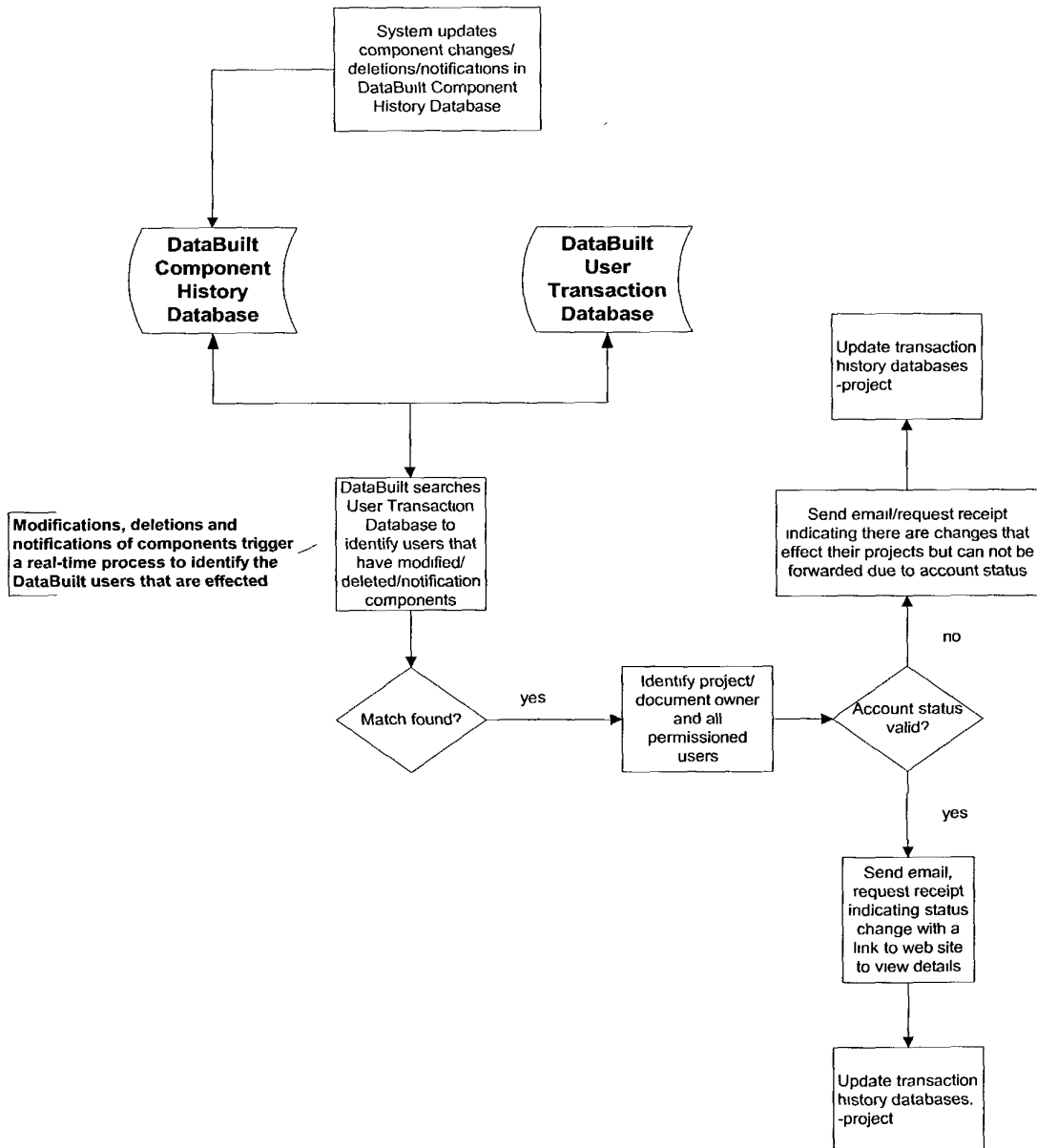
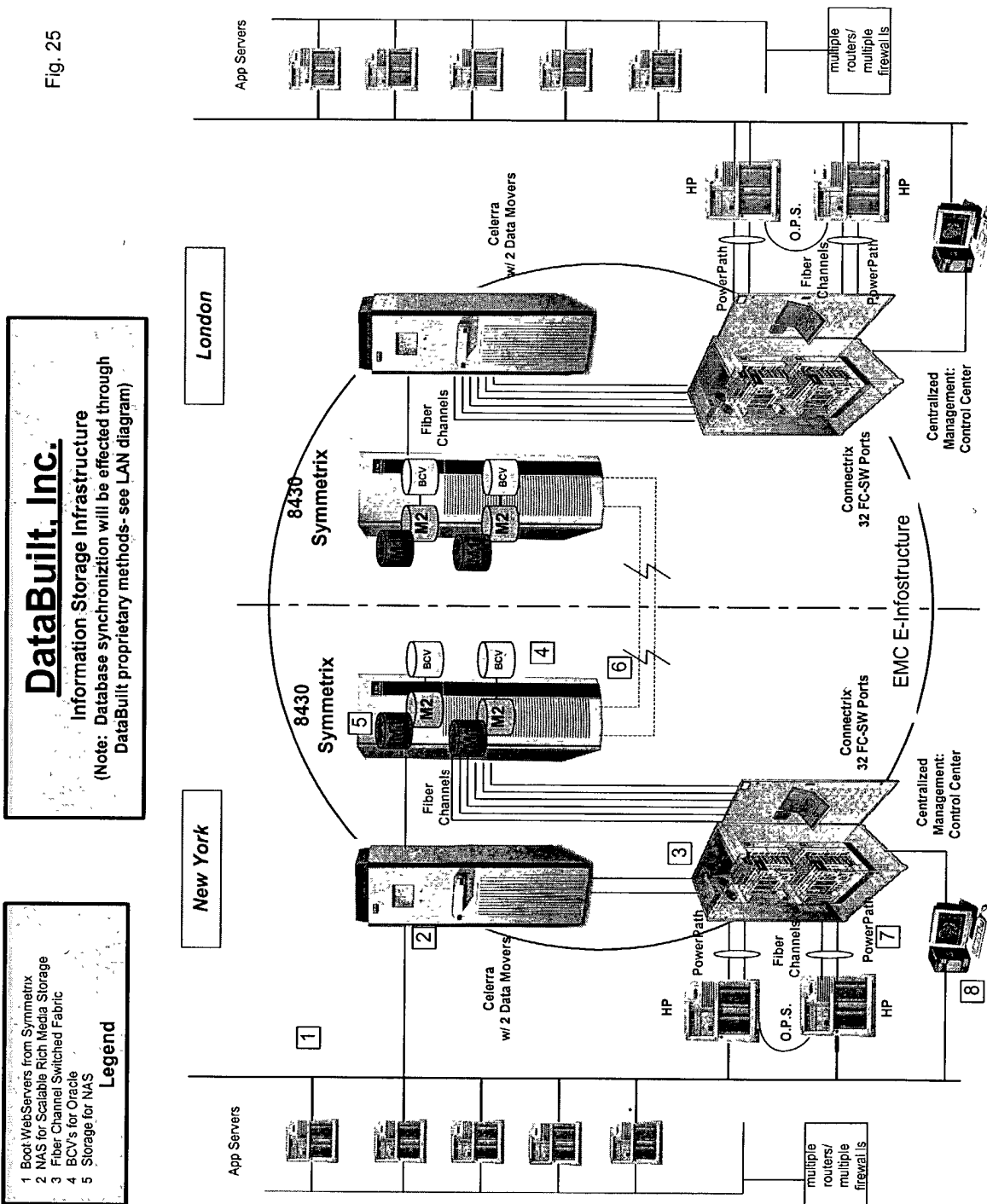
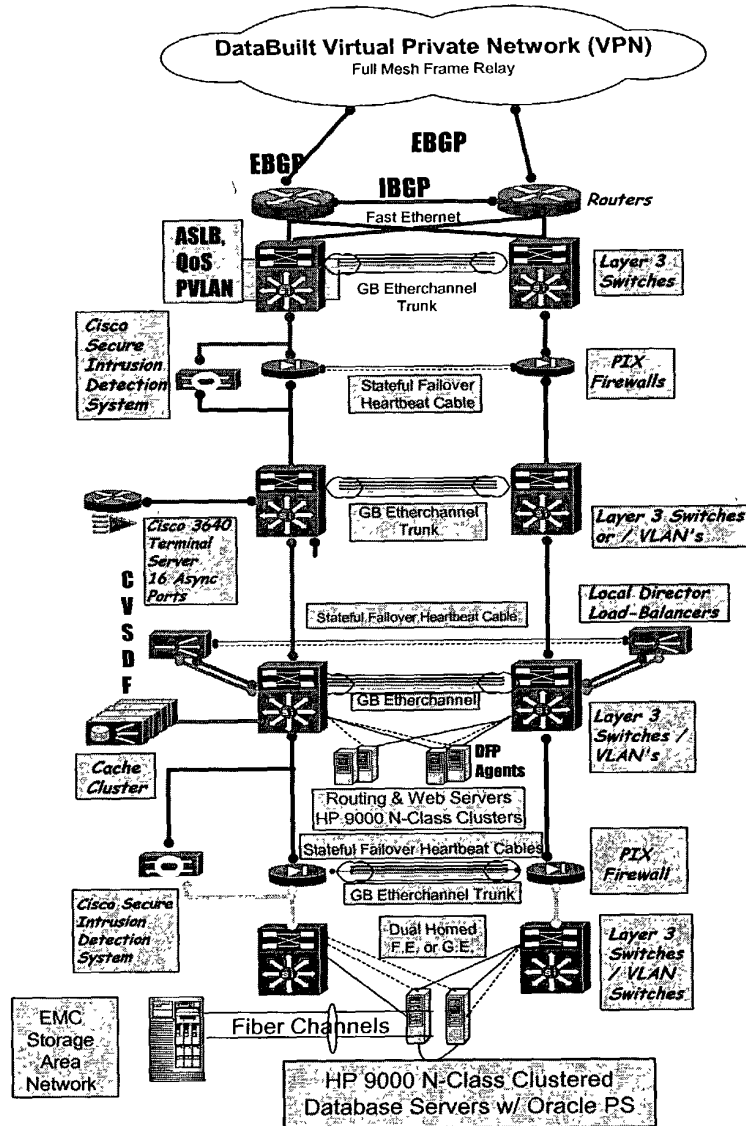


Fig. 25



## DataBuilt Data Center

Fig. 26



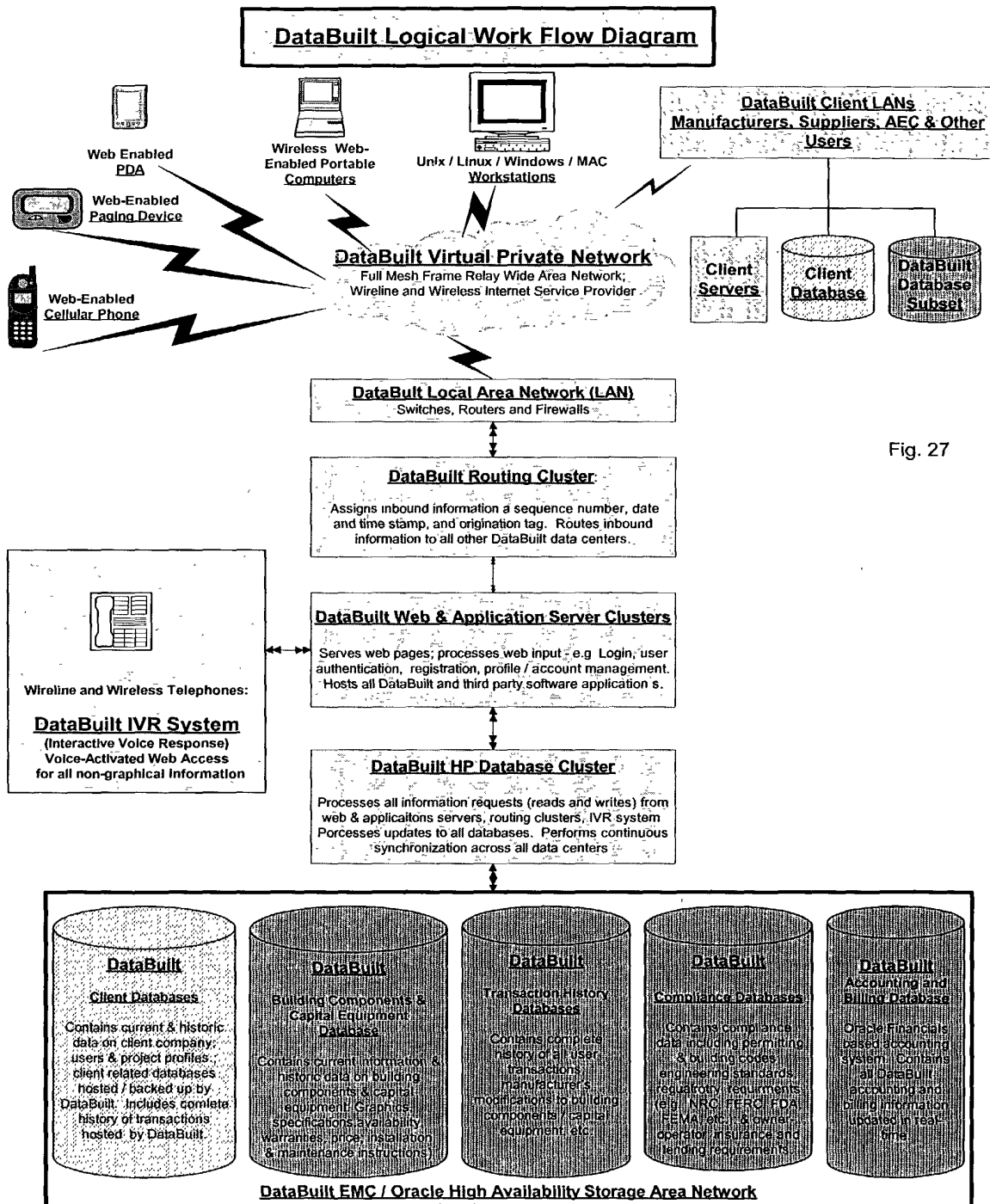


Fig. 27

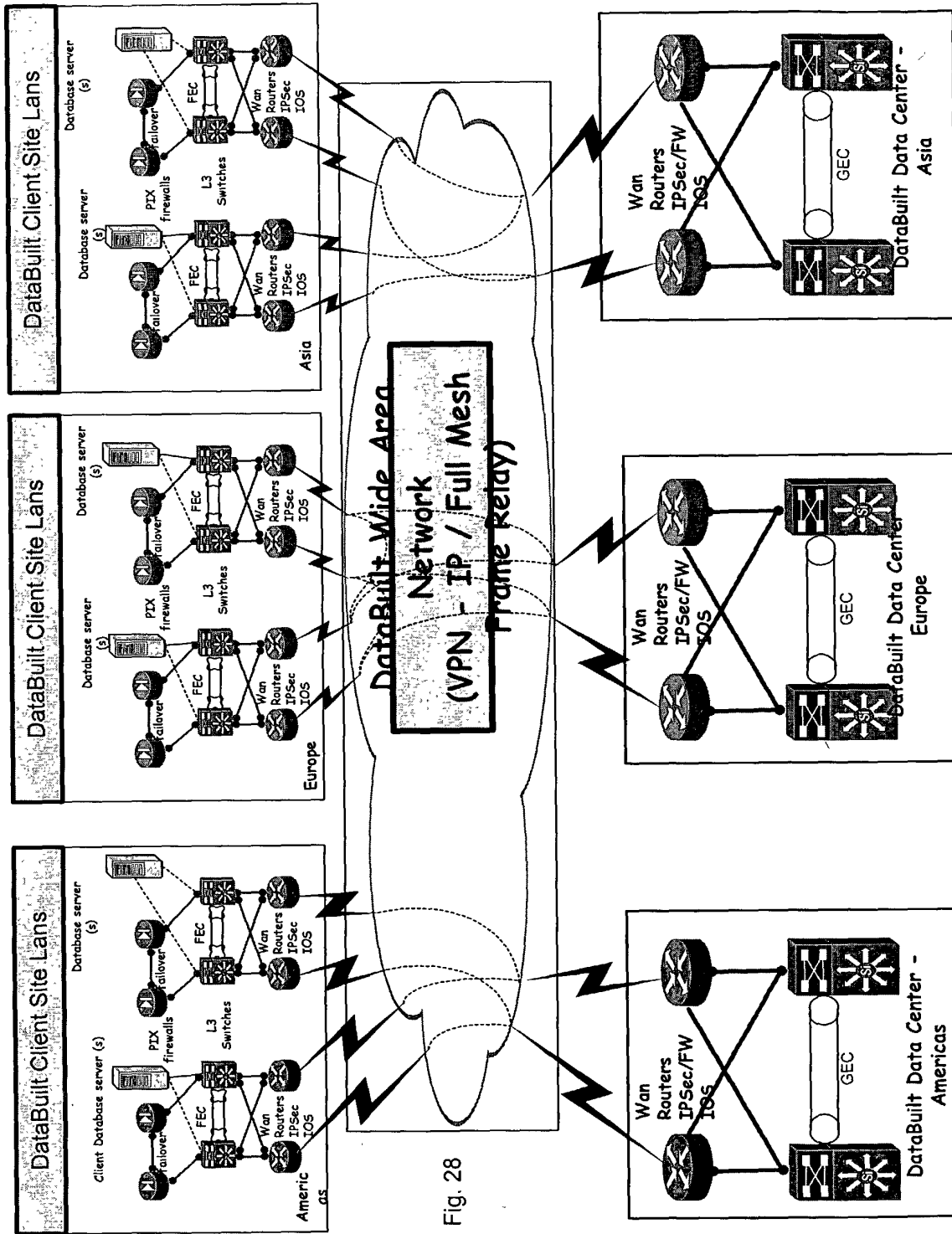


Fig. 28